

KS3 – Year 7,8 & 9

KS4 – Year 10 & 11

Spring Term

Revision Guidance



KS3

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| Textile | Pg. 20-22 |
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| Computer Science | Pg. 26-27 |
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KS4

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Year 7 Spring Revision for Food Technology

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| What assessments will I have in the Spring Term? |
| * Importance of healthy eating * Food Provenance * Understanding of keywords * Food preparation skills- accuracy of weighing and measuring, fruit preparation, safe use of hob, ovens and electrical equipment. |
| What do I need to revise? |
| * The function and sources of nutrients. * The Eatwell Guide/Healthy Eating * The importance of eating fruits & vegetables * Practice skills- bridge and claw method, weighing and measuring, ratio & proportion, safe use of electrical equipment |
| How can I revise for Food Technology? |
| * Create mind maps or make revision cards to help you revise. * Recap and read through the work in your folder on nutrients, Healthy Eating, food provenance, function of ingredients. |
| Useful resources I can use: |
| * Nutrition booklet and the work you have completed on nutrients and Healthy Eating. * Research carried out on importance of eating fruits & vegetables, food provenance and activities completed on function of ingredients. |
| Useful websites I can use: |
| [www.bnf.org](http://www.bnf.org)  [www.bbcgoodfood.com](http://www.bbcgoodfood.com)  [www.foodafactoflife.org.uk](http://www.foodafactoflife.org.uk) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Watch tv shows related to healthy eating. (the Truth about food) * Watch tv shows/documentaries on the risk factors associated with eating an unhealthy diet. Watch you tube videos to improve skills. * Read newspapers and magazines to learn about healthy eating. * Watch programmes such as Master chef to learn how to present food with a good technical finish. |

Year 8 Spring Revision for Food Technology

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| What assessments will I have in the Spring Term? |
| * The importance of following dietary guidelines. * Understanding of keywords * Dietary Disorders project * Food preparation skills- rice making, sauce making, meat & vegetable preparation, creaming method, piping, safe use of hob, ovens and electrical equipment |
| What do I need to revise? |
| * Nutrients- Function, sources, excess and deficiency of nutrients. * Ensure all the criteria for Dietary Disorders project is completed to a high standard. * Practice skills above to make further progress. |
| How can I revise for Food technology? |
| * Create mind maps and revision cards. * Revise on causes, symptoms, treatment and prevention of all dietary illnesses. Ask a member of family to ask questions. |
| Useful resources I can use: |
| Nutrition booklet  Dietary Disorders activities, research in booklet |
| Useful websites I can use: |
| [www.bnf.org](http://www.bnf.org)  [www.foodafactoflife.org.uk](http://www.foodafactoflife.org.uk)  [www.nhs.uk](http://www.nhs.uk) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Watch food programmes on how to modify recipes and make quick and easy healthy recipes which include all the nutrients. * Watch you tube clips and documentaries on how dietary illnesses develop and how they can be prevented |

Year 9 Spring Revision for Food Technology

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| What assessments will I have in the Spring Term? |
| * Factors which influence the food choices we make. * Religion & food project * Organic vs non-organic/GM foods * Understanding of keywords * Food preparation skills- vegetable preparation, filo pastry, sauce making, meat preparation, rice making safe use of hob, oven and electrical equipment. * Understanding of how to modify recipes to suit the specific dietary laws of different religions. |
| What do I need to revise? |
| * The specific dietary laws for different religions * The advantages and disadvantages of organic and GM foods. * Ensure all the criteria for the religion and food project is completed to a high standard. * Practice skills above to make further progress. |
| How can I revise for Food Technology? |
| Create mind maps and revision cards.  Read through notes and ask a member of family to test knowledge and understanding of topics. |
| Useful resources I can use: |
| * Nutrition program * Work in booklets on all topics covered. * Nutrition booklet |
| Useful websites I can use: |
| [www.soilsassociation.org](http://www.soilsassociation.org)  <https://www.theexplorer> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Watch documentaries on religion and food. TV shows where celebrity chefs visit different countries around the world to learn about religion, culture, festivals and food. * BBC Bitesize-Organic farming |

Year 7 Spring Revision for Mathematics

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| What assessments will I have in the Spring Term? |
| Non Calculator Test |
| What do I need to revise? |
| Please note: Spring assessment will consist of some skills from the list below.  Chapter 1: Decimals   * Long Multiplication * Long Division * Ordering Decimals * Adding and Subtracting Decimals * Multiplying Decimals * Dividing a Decimal by an Integer * Dividing a Decimal by a Decimal * Rounding to the Nearest 10, 100 or 1000 and Nearest Whole Integer * Rounding to Decimal Places   Chapter 2: Telling the Time   * Read and Interpret Calendars * The 12-hour and 24-hour Clock * Calculating with Time * Reading and Interpreting Timetables   Chapter 3: Using Numbers   * Reading and Interpreting Real-Life Tables – Distance Tables * Reading and Interpreting Real-Life Tables – Bank Statements * Ordering Positive and Negative Numbers * Adding Negative Numbers * Subtracting Negative Numbers     Chapter 4: Algebra   * Algebraic Notation * Substitution * Simplifying Expressions by Collecting Like Terms * Simplifying Expressions by Multiplying Terms * Expanding Single Brackets * Expanding Separate Brackets and Simplifying   Chapter 5: Fractions   * Simplifying Fractions * Ordering Fractions * Calculating Fractions of Amounts * Adding and Subtracting Proper Fractions * Multiplying and Dividing Proper Fractions * Converting Mixed Numbers and Improper Fractions * Adding and Subtracting Mixed Numbers   Chapter 6: Statistics  • Drawing Bar Charts  • Calculating the Mean, Median, Mode and Range  • Calculating the Interquartile Range  • Comparing Range and Averages of Data  Chapter 7: Ratio  • Simplifying Ratios  • Writing Fractions as Ratios  • Writing Ratios in the Unitary Form  • Ratios and Sharing  • Finding the Missing Ratio when One is Given  • Solving Problems with Ratios  Chapter 8: Working with Numbers  • Multiplying and Dividing by 10, 100 or 1000  • Long Multiplication  • Long Division  • BIDMAS  • Converting Units of Lengths  • Converting Units of Mass  • Converting Units of Capacity  • Square Numbers and Square Roots  • Rounding to Decimal Places  • Rounding to Significant Figures  • Estimating Calculations  • Error Intervals – Upper and Lower Bounds    Chapter 9: Solving Equations with One Variable  • Solving Equations with One Variable  • Solving Equations with One Variable with Brackets  • Solving Equations with One Variable with Fractions  • Setting Up and Solving Equations  Chapter 10: Perimeter and Areas of 2D Shapes  • Perimeter of Shapes  • Area of Rectangles  • Area of Triangles  • Areas of Parallelograms  • Areas of Trapeziums  • Perimeter of Compound Shapes  • Areas of Compound Shapes such as L-shapes  • Areas of Compound Shapes made up of Mixed 2D Shapes  Chapter 11: Probability  • Calculating Probabilities of Events including Probability Scale  • Combined Events (Sample Space Diagrams)  • Experimental Probability (Relative Frequency) |
| How can I revise for mathematics? |
| Your teacher will give you a revision List with MathsWatch videos  Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| KS3 Maths Year 7 Targeted Workbook (with answers): ideal for catch-up and learning at home (CGP KS3 Maths) Paperback – 14 May 2019  ISBN-10 1789083168 |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| UKMT Maths Challenge  The UKMT Junior individual challenges  are for students in Year 7 and Year 8. The challenges consist of 25 intriguing  multiple choice questions, which are designed to stimulate  interest in mathematics. Questions from the challenges are  available using the link below and is suitable for all ability range.  [Junior Mathematical Challenge archive | UK Mathematics Trust (ukmt.org.uk)](https://www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive)  The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 8 Spring Revision for mathematics

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| What assessments will I have in the Spring Term? |
| Non Calculator Test |
| What do I need to revise? |
| Please note: Assessment will consist of some skills from the list below.    Year 8 Topics  Chapter 5: Probability 2   * Reading and Drawing Two-Way Tables and Using them to Calculate Probabilities * Reading and Drawing Two-Way Venn Diagrams and Using them to Calculate Probabilities * Reading and Drawing Three-Way Venn Diagrams and Using them to Calculate Probabilities * Reading and Drawing Simple Tree Diagrams and Using them to Calculate Probabilities Involving Replacement Problems * Reading and Drawing Harder Tree Diagrams and Using them to Calculate Probabilities Involving Non-Replacement Problems   Chapter 6: Compound Measures   * Speed, Distance and Time * Solving Problems Involving Speed, Distance and Time * Mass, Density and Volume with Consistent Units * Solving Problems Involving Mass, Density and Volume * Force, Pressure and Area with Consistent Units * Solving Problems Involving Force, Pressure and Area   Chapter 7: Percentages   * Converting Fractions, Decimals and Percentages * Ordering Fractions, Decimals and Percentages * Calculating Percentages of Amounts * Calculating Percentage Increase and Decrease * Expressing an Amount as a Percentage of Another * Calculating Percentage Change * Calculating Simple Interest * Calculating Compound Interest and Depreciation * Calculating Reverse Percentages   Chapter 8: Algebra 2   * Factorise Expressions into One Bracket * Factorising Quadratic Expressions with Positive Coefficients, a = 1 * Factorising Quadratic Expressions with Negative ‘b’ Coefficients a = 1 * Factorising Quadratic Expressions with Positive Coefficients a > 1 * Factorising Quadratic Expressions with Negative ‘b’ Coefficients a > 1 * Simplifying Algebraic Fractions by Factorising   Chapter 9: Transformations 2   * Transformations 1 (Reflection, Rotation, Rotational symmetry, Translations including combined transformations. Describing the transformations) * Enlarging Shapes with a Positive Scale Factor without a Centre * Enlarging Shapes with a Fractional Scale Factor without a Centre * Enlarging Shapes given a Centre and a Positive Scale Factor * Enlarging Shapes given a Centre and a Fractional Scale Factor * Enlarging Shapes given a Centre and a Negative Scale Factor * Enlarging Shapes given a Centre and a Fractional Negative Scale Factor * Describing Enlarged shapes * Combined Transformations with Translations, Reflections, Rotations and Enlargements   Chapter 10: Averages   * Calculating the Mean, Median, Mode and Range * Calculating the Mean, Mode and Range from a Frequency Table * Calculating the Median from a Frequency Table * Estimating the Mean from a Grouped Frequency Table * Calculating the Mode from a Grouped Frequency Table * Calculating the Median from a Grouped Frequency Table   Along with some Year 7 Topics   * Telling the Time * Using Numbers (charts, positive and negative numbers * Algebra (substitution, simplifying terms, expanding single brackets) * Perimeters and Areas of 2D Shapes (rectangles, triangles, parallelograms, trapezium, L-shapes, compound shapes) * Statistics (Barcharts, Averages and range, Interquartile range, Comparing ranges and averages) * Ratio * Decimals (ordering, adding, subtracting, multiplying and dividing) * Setting up and Solving Equations with One Variable * Volume of Cubes, Cuboids and Prisms * Proportion: Direct and Inverse proportion including recipes questions) * Fractions (ordering, adding, subtracting, multiplying and dividing, fraction of amounts) * Sequences * Surface Area of Prisms including nets, plans and elevations * Probability |
| How can I revise for mathematics? |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/) |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| UKMT Maths Challenge  The UKMT Junior individual challenges  are for students in Year 8. The challenges consist of 25 intriguing  multiple choice questions, which are designed to stimulate  interest in mathematics. Questions from the challenges are  available using the link below and is suitable for all ability range.  [Junior Mathematical Challenge archive | UK Mathematics Trust (ukmt.org.uk)](https://www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive)  The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  <https://www.maths.manchester.ac.uk/cryptography_competition/> |

Year 9F Spring Revision for mathematics

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| What assessments will I have in the Autumn Term? |
| Non Calculator Test  Calculator Test |
| What do I need to revise? |
| Please note: Spring assessment will consist of some skills from the list below.  Year 9  Chapter 2: Basic Number Arithmetic  • Adding and Subtracting Whole Numbers  • Multiplying Whole Numbers – Long Multiplication  • Dividing Whole Numbers – Long Division  • Order of Operations - BIDMAS  Chapter 5: Ratios  • Simplifying Ratios  • Expressing Ratios as Fractions  • Writing Ratios in their Unitary Form  • Sharing Ratios  • Solving Problems involving Ratios  Chapter 6: Fractions and Decimals  • Converting Fractions, Decimals and Percentages  • Ordering Fractions, Decimals and Percentages  • Simplifying Fractions  • Ordering Fractions  • Calculating Fractions of Amounts  • Adding and Subtracting Fractions  • Multiplying and Dividing Fractions  • Converting Between Improper Fractions and Mixed Numbers  • Adding and Subtracting Mixed Fractions  • Multiplying and Dividing Mixed Fractions  • Calculating the Reciprocals and Negative Reciprocals  • Fractions on a Calculator  • Calculating the Original given a Fraction  Chapter 7: Sequences  • Working out Missing Terms in a Linear Sequence  • Calculating the Nth Term of a Linear Sequence  • Calculating Terms within a Linear Sequence given the Nth Term  • Proving If a Term Belongs to a Sequence  • Calculating the Nth Term given Diagrams  Chapter 8: Angles 2  • Calculating the Sum of Interior Angles in a Polygon  • Calculating the Sum of Exterior Angles in a Polygon  • Calculating Missing Angles in Polygons  Chapter 9: Proportion  • Solving Direct Proportion Problems using Recipes  • Solving Direct Proportion Problems  • Solving Inverse Proportion Problems  Year 8 Content-Percentages  • Fractions, Decimals and Percentages  • Ordering Fractions, Decimals and Percentages  • Calculating Percentages  • Simple Interest  • Calculating Percentage Increases and Decreases  • Calculating a Percentage Change  • Successive Percentage Change  • Repeated Percentage Change including Compound Interest  • Calculating Reverse Percentages  Year 7 Content-Working with Numbers  • Square Numbers and Square Roots  • Rounding to decimal places  • Rounding to significant figures  • BIDMAS  • Multiplication problems without a calculator  • Division problems without a calculator  • Converting units and calculations with measurements |
| How can I revise for mathematics? |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| Maths made easy exam questions and answers: [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/) |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| UKMT Maths Challenge  The UKMT Intermediate individual challenges  are for students in Year 9. The challenges consist of 25 intriguing  multiple choice questions, which are designed to stimulate  interest in mathematics. Questions from the challenges are  available using the link below and is suitable for all ability range.  [Intermediate Mathematical Challenge archive | UK Mathematics Trust (ukmt.org.uk)](https://www.ukmt.org.uk/competitions/solo/intermediate-mathematical-challenge/archive)  The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 9H Spring Revision for mathematics

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| What assessments will I have in the Autumn Term? |
| Using a Calculator  Fractions and Decimals  Laws of Indices  Angles 1  Data  Ratios  Surds |
| What do I need to revise? |
| Please note: Spring assessment will consist of some skills from the list below.  Year 9 Content  Chapter 2: Fractions and Decimals   * Manipulating Calculations (Using Place Value) * Reciprocals * Negative Reciprocals * Calculating the Original given a Fraction * Recurring Decimals * Converting Recurring Decimals into Fractions   Chapter 3: Laws of Indices   * Powers and Roots * Estimating Powers and Roots * Law of Multiplication and Division * Law of Division * Law of Zero Power * Law of Negative Indices * Law of Fractional Indices * Indices from Equations   Chapter 4: Angles 1   * Calculating Missing Angles in Triangles * Calculating Missing Angles in Parallel Lines * Angle Facts and Properties of Quadrilaterals – Parallelograms, Trapeziums and Kites * Calculating the Sum of Interior Angles in a Polygon * Calculating the Sum of Exterior Angles in a Polygon * Calculating Missing Angles in Polygons * Angle Proof   Chapter 5: Data 1   * Calculating the Mean, Median, Mode and Range * Calculating Mean of a Subgroup * Calculating the Interquartile Range * Comparing Range and Averages of Data * Drawing and Interpreting Stem and Leaf Diagrams * Drawing and Interpreting Cumulative Frequency Curves * Drawing and Interpreting Box Plots   Chapter 6: Ratios   * Simplifying Ratios * Writing Fractions as Ratios * Writing Ratios in the Unitary Form * Ratios and Sharing * Finding the Missing Ratio when One is Given * Solving Problems with Ratios * Solving Ratio Problems involving Ratio Differences * Combining Two or More Ratios into a Single Ratio: a : b and b : c rewritten as a : b : c and a : c   Chapter 7: Surds   * Simplifying Surds * Multiplying and Dividing Surds * Adding and Subtracting Surds * Expanding Brackets with Surds * Rationalising Denominators * Solving Problems with Surds   **Chapter 10: Compound Measures**   * Converting Units of Length * Converting Units of Mass * Converting Units of Capacity * Calculating Speed, Distance and Time * Solving Speed, Distance and Time Problems * Calculating Mass, Density and Volume * Solving Mass, Density and Volume Problems * Calculating Force, Pressure and Area * Solving Force, Pressure and Area Problems   Year 8 Content-Working with Numbers  • Highest Common Factor (HCF)  • Lowest Common Multiple (LCM)  • Powers and Roots  • Problem Solving HCF and LCM including the Reverse  **Year 8 Content- Standard Form**   * Converting Large Numbers (>1) into Standard Form * Converting Smaller Numbers (<1) into Standard Form * Adding and Subtracting with Numbers in Standard Form * Multiplying with Numbers in Standard Form * Dividing with Numbers in Standard Form   Year 8 Content-Percentages  • Calculating Percentages  • Simple Interest  • Calculating Percentage Increases and Decreases  • Calculating a Percentage Change  • Successive Percentage Change  • Repeated Percentage Change including Compound Interest  • Calculating Reverse Percentages  Year 8 Content-Probability  • Calculating Probabilities of Events  • Using a Sample Space to Calculate Probabilities  • Relative Frequency  • Drawing Tree Diagrams and Using them to Calculate Probabilities (Replacement and Non-Replacement)  • Two-Way Tables  • Venn Diagrams  Year 8 Content-Geometry   * Reflections and Describing Reflection * Rotations and Describing Rotation * Translation and Describing Translation * Enlargement given a Centre and a Positive SF * Enlargement given a Centre and a Fractional SF * Enlargement given a Centre and a Negative SF * Describing Enlargement * Combined Transformations |
| How can I revise for mathematics? |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
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| Maths made easy exam questions and answers: [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/) |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| UKMT Maths Challenge  The UKMT Intermediate individual challenges  are for students in Year 9. The challenges consist of 25 intriguing  multiple choice questions, which are designed to stimulate  interest in mathematics. Questions from the challenges are  available using the link below and is suitable for all ability range.  [Intermediate Mathematical Challenge archive | UK Mathematics Trust (ukmt.org.uk)](https://www.ukmt.org.uk/competitions/solo/intermediate-mathematical-challenge/archive)  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The Alan Turing Cryptography Competition  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 7 Spring Revision for Textiles

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| What assessments will I have in the Spring Term? |
| You will need to demonstrate embroidery skills and an understanding of how to use a sewing machine e.g. how to thread a machine and how to set stitch length and width. |
| What do I need to revise? |
| Embroidery skills – You will need to demonstrate an ability to complete a range of embroidery skills.  machine – How to thread a machine and set stitch length and width. |
| How can I revise for textiles? |
| Watch videos on how to set up a sewing machine from your class teachers YouTube channel.  Practice embroidery techniques. |
| Useful resources I can use: |
| https://www.youtube.com/user/Jcalbery  https://www.youtube.com/watch?v=FAyFfMb-ZS4 |
| Useful websites I can use: |
| https://www.hobbycraft.co.uk/get-started/embroidery  https://www.dmc.com/uk/free-patterns-5041/free-patterns-5042/free-embroidery-patterns-5043.html |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.youtube.com/watch?v=TGGduQLAPwg> – fun embroidery projects |

Year 8 Spring Revision for Textiles

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| What assessments will I have in the Spring Term? |
| You will need to demonstrate a knowledge of fabric construction techniques such as weaving, felt making and knitting. |
| What do I need to revise? |
| Weaving techniques, you will need to be able to identify them.  Felt making, you need to know how felt is made. |
| How can I revise for textiles? |
| Watch how to videos on YouTube.  Complete the Woolmark fundamentals course. |
| Useful resources I can use: |
| Use the PowerPoints from your lessons to remind yourself of the different skills used in class. |
| Useful websites I can use: |
| <https://www.youtube.com/watch?v=cdyRgsB44m8>  <https://www.gathered.how/arts-crafts/weaving/library-of-weaving-techniques/>  <https://www.youtube.com/watch?v=hM5M2Fu0RtY> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.gathered.how/arts-crafts/13-needle-felting-projects-for-beginners/>  <https://www.brightstarkids.com.au/blog/decorating/11-weaving-projects-for-kids/>  <https://idealme.com/20-easy-knitting-projects-every-beginner-can-do/> |

Year 9 Spring Revision for Textiles

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| What assessments will I have in the Spring Term? |
| You will need to demonstrate a knowledge of fabric construction techniques such as weaving, felt making and knitting. |
| What do I need to revise? |
| Weaving techniques, you will need to be able to identify them.  Felt making, you need to know how felt is made. |
| How can I revise for textiles? |
| Watch how to videos on YouTube.  Complete the Woolmark fundamentals course. |
| Useful resources I can use: |
| Use the PowerPoints from your lessons to remind yourself of the different skills used in class. |
| Useful websites I can use: |
| <https://www.youtube.com/watch?v=cdyRgsB44m8>  <https://www.gathered.how/arts-crafts/weaving/library-of-weaving-techniques/>  <https://www.youtube.com/watch?v=hM5M2Fu0RtY> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.gathered.how/arts-crafts/13-needle-felting-projects-for-beginners/>  <https://www.brightstarkids.com.au/blog/decorating/11-weaving-projects-for-kids/>  <https://idealme.com/20-easy-knitting-projects-every-beginner-can-do/> |

Year 7 Spring Revision for English

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| What assessments will I have in the Spring Term? |
| READING - Compare how poets present attitudes towards growing up in Half-Past two and one other poem from the anthology.  WRITING - Write a poem expressing feeling towards growing up. |
| What do I need to revise? |
| READING - How to: successfully explain writers' purposes and viewpoints, and the overall effect of the text on the reader and use WHAT HOW WHY paragraphs  How to: Compare attitudes and perspectives of different poets/texts.  WRITING - How to: successfully write imaginative, interesting and thoughtful texts, organise and present whole texts effectively through accurate SPAG, and use more ambitious  VOCABULARY - How to: Use a variety of language devices to convey meaning |
| How can I revise for English? |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Use your spelling journals.  Complete Bedrock Learning to develop your vocabulary choices.  Read more!  Try to improve any previous work you have completed |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Bedrock Learning  Spelling journals  Micro Soft Teams – Class PPTs  CGP SPAG guides |
| Useful websites I can use: |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [WWW.BBC.CO.UK/BITESIZE](http://WWW.BBC.CO.UK/BITESIZE)  <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/english>  <https://uk.ixl.com/english/year-7>  <https://funenglishgames.com/games.htm> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Do some research on Islamic poetry  Try writing your own poetry!  Take out a book of poetry from the library |

Year 8 Spring Revision for English

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| What assessments will I have in the Spring Term? |
| Reading  Analysing and comparing two of the poems studied  Writing  Non- Fiction article writing- focusing on travel writing |
| What do I need to revise? |
| READING - How to: Identify and analyse poetic techniques.  How to: successfully explain writers' purposes and viewpoints, and the overall effect of the text on the reader and use WHAT HOW WHY paragraphs  WRITING - How to: successfully write imaginative, interesting and thoughtful texts, organise and present whole texts effectively through accurate SPAG, use paragraphing correctly and use more ambitious vocabulary.  How to: Successfully write for a particular purpose, audience and format. |
| How can I revise for English? |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Complete Bedrock Learning to develop your vocabulary choices.  Read more! |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Bedrock Learning  Micro Soft Teams – Class PPTs |
| Useful websites I can use: |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [WWW.BBC.CO.UK/BITESIZE](http://WWW.BBC.CO.UK/BITESIZE)  <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/english>  <https://uk.ixl.com/english/year-7> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Follow the news – what is going on in the world?  Enter the writing competitions run in school.  Research the poets we are studying and the cultures they come from  Borrow a book of poetry from the library  Try writing your own poetry! |

Year 9 Spring Revision for English

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| What assessments will I have in the Spring Term? |
| READING - Comparing two of the poems studied  WRITING - Creative writing task  End of term assessment:  One paper that consolidates the reading and writing skills that have been taught this term. |
| What do I need to revise? |
| READING - How to: successfully explain writers' purposes and viewpoints, and the overall effect of the text on the reader and use WHAT HOW WHY paragraphs  How to: Develop an informed personal response. Use quotations to support interpretations.  How to: Explain how language, structure and form contribute to writers’ presentation of ideas, themes and settings  WRITING - How to: successfully write imaginative, interesting and thoughtful texts, organise and present whole texts effectively through accurate SPAG, use paragraphing correctly and use more ambitious vocabulary.  How to: successfully write for a particular purpose, audience or format, and be consciously aware of our choices of language and structure |
| How can I revise for English? |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Complete Bedrock Learning to develop your vocabulary choices.  Read more gothic stories and classical literature (19th century – Charles Dickens, the Bronte’s)!  Log onto Seneca learning.  Go to the AQA website and look at past papers |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Bedrock Learning  Micro Soft Teams – Class PPTs  AQA website |
| Useful websites I can use: |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [WWW.BBC.CO.UK/BITESIZE](http://WWW.BBC.CO.UK/BITESIZE)  [How to Answer Literature Extract Questions (Mr Salles) - Bing video](https://www.bing.com/videos/search?q=how+to+analyse+an+aqa+literature+extract&&view=detail&mid=7D735C1081453B7FF29E7D735C1081453B7FF29E&&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3Dhow%2520to%2520analyse%2520an%2520aqa%2520literature%2520extract%26qs%3Dn%26form%3DQBVR%26sp%3D-1%26pq%3Dhow%2520to%2520analyse%2520an%2520aqa%2520literature%2520extract%26sc%3D0-40%26sk%3D%26cvid%3D205E3C735F1B449EA7050A5602D9D90E)  [www.aqa.org.uk](http://www.aqa.org.uk) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Read the GCSE poetry anthology  Borrow a poetry book from the library  Visit Dove Cottage in Grasmere, Cumbria  Research the poets from the AQA anthology |

Year 7 Spring Revision for Computer Science

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| What assessments will I have in the Spring Term? |
| Scratch Programming |
| What do I need to revise?   * Sprite * Stage * Variables * Loops * If statements. * Conditionals. |
| How can I revise for Computer Science? |
| * Read over lesson PowerPoints. * Download free software onto device at home. * Watch recommended videos. * Work through recommended tutorials. * Visit BBC bitesize and complete revision exercises. |
| Useful resources I can use: |
| * BBC Bitesize * YouTube * <https://scratch.mit.edu/> (download free software) |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/guides/zfjsgk7/revision/3>  <https://app.memrise.com/course/1084449/ks3-computing/9/>  <https://scratch.mit.edu/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Look for books about computer programming and code in the library |

Year 8 Spring Revision for Computer Science

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| What assessments will I have in the Spring Term? |
| Lego PRIME Spike |
| What do I need to revise? |
| You will be assessed on your Practical programming skills using the SPIKE software.  You will be required to create robots using Lego and then connect and program them to move and use different things such as the sensor. |
| How can I revise for Computer Science? |
| The nature of this topic is that it is a practical topic therefore the skills you gain in class are the ones that will come into use for the assessment.  You will be assessed for your performance throughout the topic as each lesson builds onto the next. |
| Useful resources I can use: |
| * <https://www.smallpeicetrust.org.uk/coding-success> * <https://raisingrobots.com/product-category/lego-education-spike-prime/?gclid=Cj0KCQiA15yNBhDTARIsAGnwe0U0ErQ8X2sC3tCsRPu38g5vhMOPBjqhckkvNSCwsY6ce-yIbT0M7LEaAs78EALw_wcB> |
| Useful websites I can use: |
| * YouTube * <https://www.smallpeicetrust.org.uk/coding-success> * <https://raisingrobots.com/product-category/lego-education-spike-prime/?gclid=Cj0KCQiA15yNBhDTARIsAGnwe0U0ErQ8X2sC3tCsRPu38g5vhMOPBjqhckkvNSCwsY6ce-yIbT0M7LEaAs78EALw_wcB> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| This topic is an enrichment experience. Something we have not done ever before.  You may use the internet to read up more on Lego SPIKE Prime. |

Year 7 Spring Term Revision for URDU

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| What assessments will I have in the Spring Term? |
| Urdu alphabets with initials (Half shapes) .  Urdu vowels.  Two letter words.  Words with the sound of small yeh and big yeh.  Meanings of the words learnt.  Breaking down the words. (Urdu spellings) |
| What do I need to revise? |
| **WRITING**  1.Sound of small Yeh and big Yeh.  2.Words with small yeh and big Yeh.  3.Meaning of the words  4.Breaking down the words.  5. Genders  (Oral)  6.Names of Islamic Months  7.Numbers up to 60 |
| How can I revise for Urdu? |
| Reading on regular basis.  Writing practice. |
| Useful resources I can use: |
| Worksheets given. |
| Useful websites I can use: |
| [Haroofistaan S01 - E05 | Uses of Alif | Alif ka Istemaal | Aasaan Urdu - YouTube](https://www.youtube.com/watch?v=7okyrRngvkE) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further. |
| Talking in Urdu with your family members.  Reading any URDU book for beginners.  Watching cartoons dubbed in Urdu. |

Year 8 Revision Spring Term Urdu

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| What assessments will I have in the Spring Term? |
| Written test on vocabulary, grammar learnt through the stories/topics covered.  Comprehension on topics covered.  Translation Urdu to English / English to Urdu.  Reading test. |
| What do I need to revise? |
| Topics:- Weather (Talking about seasons, Describing the weather)  Telling the Time.( Learning Urdu terminology about time,to be able to tell the time in Urdu)  Naik Larka(Daily routine)Talking about your daily routine/activities  Our house(Learning about the names of different rooms  Describing your home)  Our school(Learning about school routine) |
| How can I revise for Urdu? |
| Reading on regular basis.  Writing practice.  Learning vocabulary |
| Useful resources I can use: |
| Worksheets provided.  Work done in exercise books. |
| Useful websites I can use: |
| [Haroofistaan S01 - E05 | Uses of Alif | Alif ka Istemaal | Aasaan Urdu - YouTube](https://www.youtube.com/watch?v=7okyrRngvkE) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Talking in Urdu with your family members.  Reading any book for beginners.  Watching cartoons dubbed in Urdu.  Listening Qur’anic stories in Urdu. |

Year 9 Spring Term Revision Urdu

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| What assessments will I have in the Spring Term? |
| Written assessment on correct use of grammar.  A GCSE style writing and reading comprehension test related to the topic covered.  Vocabulary Test (written and oral). |
| What do I need to revise? |
| Basic Grammar Rules,Tenses  1.Present indefinite tense  2.Suffixes used in Present Continuous  3.Past Tense, changing form of the verbs.  4. Suffixes used in Past Continuous Tense  5. Future Tense, Suffixes used in Future Tense  My family & friends میرا خاندان  1.Self-description.  2.Describing personality,  role models  3.Talking about relationships  3.Talking about best friends  5.Talking about helping at home  6. Neighbours.  Shopping خريداری  1.Going shopping  Shopping for clothes/groceries  2.Returning things.  3.Spending your pocket money  4.Sending letters and making calls  5.Reporting a loss.  6.Internet shopping.  Cultural Life:  1.Special occasions  Birthdays/Weddings.  2.Religious festivals  Eid, Ramazan, Christmas, Diwali |
| How can I revise for Urdu? |
| Reading on regular basis.  Writing practice.  Learning vocabulary |
| Useful resources I can use: |
| Worksheets provided.  Work done in exercise books |
| Useful websites I can use: |
| <https://wordwall.net/en-us/community/urdu>  <https://books.google.co.uk/books?id>  <https://www.youtube.com/watch?v=wQ1SsZ2PaRI> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Talking in Urdu with your family members.  Reading Urdu newspapers/ books.  Watching Urdu TV programme/ news.  Listening Qur’anic stories in Urdu. |

Year 7 Spring Revision for Art

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| What assessments will I have in the spring term? |
| Colour Theory  Elements of art  Pattern  Tints and shades |
| What do I need to revise? |
| All Elements of art  Pattern  Tints and shades  Colour Theory  Vocabulary connected to colour theory and pattern |
| How can I revise for Colour Theory? pattern |
| Remember,pattern is a design in which lines, shapes, forms or colours are repeated. The part that is repeated is called a motif. Patterns can be regular or irregular. Elements of art.  Look at the  Use the wheel that you drew and the information you have in your sketchbooks |
| Useful resources I can use: |
| Sketchbook  Google images ‘Colour wheel’  [Understanding the Visual Elements - PATTERN - YouTube](https://www.youtube.com/watch?v=zmRSGRyl8Xg) |
| Useful websites I can use: |
| [colour wheel - Bing video](https://www.bing.com/videos/search?q=colour+wheel&FORM=HDRSC4)  [Color Wheel Tutorial - How To Mix Paint - YouTube](https://www.youtube.com/watch?v=_BHHf1-dmco) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Look at artist Francoise Nielley and his use of colour  Piet Mondrian  Eduardo Paolozzi London underground |

Year 8 Spring Revision for Art

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| What assessments will I have in the spring term? |
| Line, tonal value, shape, Pattern |
| What do I need to revise? |
| elements of art  line tonal, value, shape |
| How can I revise for Line and tone shape? |
| Look at Angie Lewin, William Morris |
| Useful resources I can use: |
| Joan Miro |
| Useful websites I can use: |
| <https://www.angielewin.co.uk/>  [Who was William Morris? | National Trust](https://www.nationaltrust.org.uk/features/who-was-william-morris) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.beaumarisartgroup.org.au/a-artist/artists-that-use-geometric-shapes-in-their-art.html#:~:text=Sep%2015%2C%202017%20%C2%B7%20Famous%20Art%20Using%20Simple,May%2025%2C%202015%20%C2%B7%20Artworks%20with%20Geometric%20Shape>. |

Year 9 Spring Revision for Art

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| What assessments will I have in the Spring Term? |
| Line, shape, tonal value |
| What do I need to revise? |
| elements of art  line, shape and tone, proportion, scale   * define 'tint' and 'shade' * explain the difference between tints and shades * outline how tints and shades are created |
| How can I revise? |
| Practise using the grid method to draw proportion  Practise making tints and shades  Graded pencils to get tonal value |
| Useful resources I can use: |
| Marcello Barenghi |
| Useful websites I can use: |
| <https://www.youtube.com/watch?v=a5P1jdhx4Rw>  [Tinting and Shading Your Colors - YouTube](https://www.youtube.com/watch?v=-G3xkJH4KwI) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Line | Exhibitions | Lisson Gallery](https://www.lissongallery.com/exhibitions/line)  [MoMA | On Line](https://www.moma.org/interactives/exhibitions/2010/online/) |

Year 7 Spring Revision for Geography

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| What assessments will I have in the Spring Term? |
| * The human and physical geography of the United Kingdom * The physical and human aspects of rivers |
| What do I need to revise? |
| Revise all content from your classwork book in the spring term relating the United Kingdom and the physical and human aspects of rivers |
| How can I revise for Geography? |
| * Use your exercise books and the links provided for homeworks and from the resource section * On teams all the lessons will have been downloaded as power points for you to revisit in case of absences |
| Useful resources I can use: |
| * Teams class work area * Exercise books |
| Useful websites I can use: |
| BBC Bitesize Geography <https://www.bbc.co.uk/bitesize/subjects/zrw76sg> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Use BBC iplayer to look at [www.bbc.co.uk/iplayer/categories/science-and-nature/featured](http://www.bbc.co.uk/iplayer/categories/science-and-nature/featured). Various geography shows from planet earth human planet are available to watch. |

Year 8 Spring Revision for Geography

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| What assessments will I have in the Spring Term? |
| * Physical processes of planet Earth and natural hazards * Climate change |
| What do I need to revise? |
| * Revise all content from your classwork book in the spring term relating the planet Earth/natural hazards and also the lessons on climate change |
| How can I revise for Geography? |
| * Use your exercise books and the links provided * On teams all the lessons will have been downloaded as power points for you to revisit in case of absences |
| Useful resources I can use: |
| * Teams class work area * Exercise books |
| Useful websites I can use: |
| BBC Bitesize Geography <https://www.bbc.co.uk/bitesize/subjects/zrw76sg>  This will take you to geography key stage 3 Hazards and climate change. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Use BBC iplayer to look at [www.bbc.co.uk/iplayer/categories/science-and-nature/featured](http://www.bbc.co.uk/iplayer/categories/science-and-nature/featured). Various geography shows from planet earth human planet are available to watch. |

Year 9 Spring Revision for Geography

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| What assessments will I have in the Spring Term? |
| * Weather hazards around the world * Climate change causes and effects |
| What do I need to revise? |
| * Revise all content from your classwork book in the spring term relating to weather hazards and climate change causes and effects |
| How can I revise for Geography? |
| * Use your exercise books and the links provided * On teams all the lessons will have been downloaded as power points for you to revisit in case of absences |
| Useful resources I can use: |
| * Teams class work area * Exercise books |
| Useful websites I can use: |
| [www.coolgeography.co.uk](http://www.coolgeography.co.uk)  BBC Bitesize Geography <https://www.bbc.co.uk/bitesize/subjects/zrw76sg>  This will take you to geography key stage 3 weather hazards and climate change |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Use BBC iplayer to look at [www.bbc.co.uk/iplayer/categories/science-and-nature/featured](http://www.bbc.co.uk/iplayer/categories/science-and-nature/featured). Various geography shows from planet earth human planet are available to watch. |

Year 7 Spring Revision for History

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| What assessments will I have in the Spring Term? |
| * Facts test- interleaving with questions on the Normans and the Crusades. * Source question on the Crusades * Facts test on the Reformation * End of term assessment (covering the spring term learning: Crusades/Henry VIII and the Reformation) |
| What do I need to revise? |
| * The Normans- How William kept control of England * The Crusades * The Reformation (differences between Catholic and Protestant faiths) * Henry VIII |
| How can I revise for History |
| * Practice spelling key words and testing yourself on the definitions. * Make mind maps on key topics, focusing on one lesson per mind map. * Make sure you understand the chronology of events (the order in which things happened). You could draw simple timelines or cartoon strips to help dual code (picture alongside writing) * Teach your family- spend time retelling our history topics as stories to your family. Remember to get the story in the correct order. Can you use your keywords in conversation? |
| Useful resources I can use: |
| * Lesson PowerPoints on MS Teams * Exercise books * Re-watch any videos used in class- links on PowerPoints |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/guides/zjbj6sg/revision/2>  <https://www.bbc.co.uk/bitesize/topics/zwcsp4j/articles/zmst6g8> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Visit museum websites for online experiences   <https://www.hrp.org.uk/hampton-court-palace/history-and-stories/henry-viii/#gs.hrwe8g>   * Watch Horrible Histories to learn interesting facts whilst having fun * Media- is our current topic being discussed in newspapers, magazines or on the television? Keep an eye out for the topics we study. |

Year 8 Spring Revision for History

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| What assessments will I have in the Spring Term? |
| * Facts test- Transatlantic Slave trade with interleaving to include Empire and Industrial Revolution. * Source analysis question on the Transatlantic Slave Trade. * Source analysis on the Civil Rights movement. * End of term assessment covering all topics studied during spring term- Transatlantic Slave Trade and Civil Rights Movement |
| What do I need to revise? |
| * All Key words from Industrial Revolution and British Empire * All Key words from Transatlantic Slave Trade * The routes of the Transatlantic slave trade * Middle Passage * Abolition * All Key words from Civil Rights Movement * Jim Crow Laws * Martin Luther King * Malcolm X * Key events: Emmett Till/Montgomery Bus Boycott/Little Rock/Student Sit ins. |
| How can I revise for History? |
| * Practice spelling key words and testing yourself on the definitions. * Make mind maps on key topics, focusing on one lesson per mind map. * Make sure you understand the chronology of events (the order in which things happened). You could draw simple timelines or cartoon strips to help dual code (picture alongside writing) * Revise key events by looking at the cause of the event and then the consequence (outcome) of the event. * Teach your family- spend time retelling our history topics as stories to your family. Remember to get the story in the correct order. Can you use your keywords in conversation? |
| Useful resources I can use: |
| * Lesson PowerPoints on MS Teams * Exercise books * BBC Bitesize * Museum websites |
| Useful websites I can use: |
| <https://www.liverpoolmuseums.org.uk/international-slavery-museum>  <https://www.bbc.co.uk/bitesize/topics/z2qj6sg>  <https://www.bbc.co.uk/bitesize/guides/zcpcwmn/revision/1> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Media- is our current topic being discussed in newspapers, magazines or on the television? Keep an eye out for the topics we study. * Visit museum websites for online experiences   <https://www.liverpoolmuseums.org.uk/international-slavery-museum> |

Year 9 Spring Revision for History

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| What assessments will I have in the Spring Term? |
| * Facts test- Interleaving, Flashpoints of WWII and Elizabethan England Part I * Two 8 mark essays on Elizabethan England, Part I * Facts test on Elizabethan England, Part I * End of term assessment (covering the spring term learning: comprising two 8 mark questions, including a source analysis) |
| What do I need to revise? |
| * Background and character of Elizabeth I * Government * Court life, including patronage; key ministers. * The difficulties of a female ruler * Relations with Parliament * The problem of marriage and the succession * The strength of Elizabeth’s authority at the end of her reign, including Essex’s rebellion in 1601 |
| How can I revise for History |
| * Practice spelling key words and testing yourself on the definitions. * Make mind maps on key topics, focusing on one lesson per mind map. * Make sure you understand the chronology of events (the order in which things happened). You could draw simple timelines or cartoon strips to help dual code (picture alongside writing) * Teach your family- spend time retelling our history topics as stories to your family. Remember to get the story in the correct order. Can you use your keywords in conversation? |
| Useful resources I can use: |
| * Lesson PowerPoints on MS Teams * Exercise books * Re-watch any videos used in class- links on PowerPoints |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/topics/zxgvfrd>  <https://www.bbc.co.uk/bitesize/guides/zyr6bk7/revision/1>  <http://www.mosslands.co.uk/attachments/download.asp?file=1619&type=pdf> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Watch ‘Elizabeth, A Golden Age’  [**https://www.bbc.co.uk/iplayer/categories/documentaries-history/a-z**](https://www.bbc.co.uk/iplayer/categories/documentaries-history/a-z)  type in aspects of Elizabethan England and see what comes up.  You may wish if you have the time and if Covid restrictions permit to visit sites associated with Elizabeth and the Elizabethans, even if this means just a walk in the grounds. These are some of the ones closest to Preston. Go with your parents as a day out. I’m certain they will love the experience as much as you:   * [**https://www.lancashirelife.co.uk/out-about/places/10-of-the-best-tudor-estates-in-the-north-west-1-3962884**](https://www.lancashirelife.co.uk/out-about/places/10-of-the-best-tudor-estates-in-the-north-west-1-3962884)   Lastly, you may wish to read ‘Wolf Hall’ by Hilary Mantel (winner of the Manbooker prize) although, it doesn’t deal with Elizabeth or her reign, it delves into the reign of her father and is a fascinating read in which you will be able to recognise themes that run through our unit of study, especially those in relation to the Tudor court, government and the religious divide. |

Year 7 Spring Revision for Physical Education

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| What assessments will I have in the Spring Term? |
| Individual Fitness which includes Circuit Training. |
| What do I need to revise? |
| Revision will include practising key skills related to fitness and circuit training at home: completing key core, upper-body and leg exercises to improve overall fitness.  Look at devising a programme that helps you work on different parts of the body, for e.g: select a progressive time that you can manage to do the exercise; pick an upper body exercise and complete this; pick a core exercise and complete this; pick a lower body exercise and complete this; rest for one minute. Repeat this again and increase your time further.  Explore other ways to make your circuit training fun and challenging at home by looking at sets and repetitions. |
| How can I revise for Physical Education? |
| These exercises can be done by completing Joe Wicks online and through online circuit programmes.  Complete circuit training at home with exercises that improve cardiovascular fitness. |
| Useful resources I can use: |
| Home circuit training plans that target improving your cardiovascular fitness. Running, either on a treadmill or outside, to improve speed and stamina. |
| Useful websites I can use: |
| Joe Wicks – home circuit lockdown workouts.  Couch to 5K  NHS health website. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Complete an online workout.  Attend a gym or a workout class in the community.  Home workout circuit training by James Atkinson (book)  Circuit training for beginners by Andrew Hudson (book) |

Year 8 Spring Revision for Physical Education

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| What assessments will I have in the Spring Term? |
| Individual Fitness which includes Circuit Training. |
| What do I need to revise? |
| Revision will include practising key skills related to fitness and circuit training at home: completing key core, upper-body and leg exercises to improve overall fitness.  Look at devising a programme that helps you work on different parts of the body, for e.g: select a progressive time that you can manage to do the exercise; pick an upper body exercise and complete this; pick a core exercise and complete this; pick a lower body exercise and complete this; rest for one minute. Repeat this again and increase your time further.  Explore other ways to make your circuit training fun and challenging at home by looking at sets and repetitions. |
| How can I revise for Physical Education? |
| These exercises can be done by completing Joe Wicks online and through online circuit programmes.  Complete circuit training at home with exercises that improve cardiovascular fitness. |
| Useful resources I can use: |
| Home circuit training plans that target improving your cardiovascular fitness. Running, either on a treadmill or outside, to improve speed and stamina. |
| Useful websites I can use: |
| Joe Wicks – home circuit lockdown workouts.  Couch to 5K  NHS health website. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Complete an online workout.  Attend a gym or a workout class in the community.  Home workout circuit training by James Atkinson (book)  Circuit training for beginners by Andrew Hudson (book) |

Year 9 Spring Revision for Physical Education

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| What assessments will I have in the Spring Term? |
| Individual Fitness which includes Circuit Training. |
| What do I need to revise? |
| Revision will include practising key skills related to fitness and circuit training at home: completing key core, upper-body and leg exercises to improve overall fitness.  Look at devising a programme that helps you work on different parts of the body, for e.g: select a progressive time that you can manage to do the exercise; pick an upper body exercise and complete this; pick a core exercise and complete this; pick a lower body exercise and complete this; rest for one minute. Repeat this again and increase your time further.  Explore other ways to make your circuit training fun and challenging at home by looking at sets and repetitions. |
| How can I revise for Physical Education? |
| These exercises can be done by completing Joe Wicks online and through online circuit programmes.  Complete circuit training at home with exercises that improve cardiovascular fitness. |
| Useful resources I can use: |
| Home circuit training plans that target improving your cardiovascular fitness. Running, either on a treadmill or outside, to improve speed and stamina. |
| Useful websites I can use: |
| Joe Wicks – home circuit lockdown workouts.  Couch to 5K  NHS health website. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Complete an online workout.  Attend a gym or a workout class in the community.  Home workout circuit training by James Atkinson (book)  Circuit training for beginners by Andrew Hudson (book) |

Year 7 Spring Revision for Religious Studies

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| What assessments will I have in the Spring Term? |
| Sikhism   * Introduction to Sikhism * Guru Nanak * Guru Gobind Singh * The 5 K’s * Sikh Gurdwara * Assessment |
| What do I need to revise? |
| * Symbols and Symbolism * The Gurdwara * Life of Guru Nanak * Guru Gobind Singh * Sikh Leadership * Mool Mantra |
| How can I revise for Religious Studies? |
| Look back over the work you have completed in your books.  Revise all keywords in your books.  Using Truetube/ BBC Youtube  <https://www.bbc.co.uk/programmes/b05p6t8s/clips> |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Spelling journals |
| Useful websites I can use: |
| [WWW.BBC.CO.UK/BITESIZE](http://WWW.BBC.CO.UK/BITESIZE)  <https://www.bbc.co.uk/bitesize/topics/zyqnvcw/articles/znpq47h>  https://www.theschoolrun.com/homework-help/sikhism  <https://www.truetube.co.uk/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.prestonsikhsewa.co.uk/>  Sikhism: A Very Short Introduction (Very Short Introductions) |

Year 8 Spring Revision for Religious Studies

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| What assessments will I have in the Spring Term? |
| Introduction of Christian content and application of religious teachings to each topic.  Evaluation of each topic through different religious/non-religious perspectives. |
| What do I need to revise? |
| * Story of Christianity * The Bible * Jesus * The Bible in day-to-day life * The Trinity * Creation |
| How can I revise for Religious Studies? |
| Look back over the work you have completed in your books.  Read more! |
| Useful resources I can use: |
| Your exercise book is the best resource that you have. |
| Useful websites I can use: |
| <https://www.youtube.com/watch?v=7Tma_QZrwSk>  <https://www.bbc.co.uk/religion/religions/christianity/>  <https://www.bbc.co.uk/bitesize/topics/ztkxpv4/articles/zvfnkmn>  <https://www.bbc.co.uk/programmes/b05p6sp4> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Follow the news – what is going on in the world?  The Bible – A very short introduction  The Bible in animation – Youtube |

Year 9 Spring 1 Revision for Religious Studies

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| What assessments will I have in the Spring Term? |
| A linear assessment on content from the previous year as well as what has been covered in new unit.  Assessment includes mixed questions, short and long covering their ability to describe, explain, analyse and evaluate.  Questions will be broken into:  1 Marks 2 Marks 4 Marks 5 Marks 12 Marks |
| What do I need to revise? |
| * Lesson 1 – Judgement * Lesson 2 – Heaven and Hell * Lesson 3 – Incarnation of Jesus - Birth * Lesson 4 – Incarnation of Jesus - Divinity * Lesson 5 – Resurrection of Jesus * Lesson 6 – Assessment |
| How can I revise for Religious Studies? |
| Look back over the work you have completed in your books.  Read more!  Revision uploaded on to Teams |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Aqa Religious Studies A – Islam  AQA Religious Studies A – Christianity  Revise AQA GCSE (9-1) Religious Studies A Christianity and Islam Revision Workbook: for home learning, 2021 assessments and 2022 exams (REVISE AQA GCSE RS 2016) |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/subjects/zb48q6f>  <https://revisionworld.com/gcse-revision/rs-religious-studies/>  [Christianity - GCSE Religious Studies Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zbndy9q)  [Christianity | Revision World](https://revisionworld.com/gcse-revision/rs-religious-studies/christianity) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Follow the news – what is going on in the world? Christianity: A Very Short IntroductionThe Bible: A Very Short Introduction |

Year 7 Spring Revision for Science

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| What assessments will I have in the Spring Term? |
| Progress task  Mid-term assessment |
| What do I need to revise? |
| * Working Scientifically * Organisms * Energy * Renewable energy resources * Non-renewable energy resources * Energy stores * Fuels |
| How can I revise for Science? |
| Use workbooks, past assessments, and feedback from teachers |
| Useful resources I can use: |
| Use BBC Bitesize  Knowledge organisers |
| Useful websites I can use: |
| [Formation of fossil fuels - Fossil fuels - KS3 Chemistry Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/z27thyc/revision/1)  [KS3 Science - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zng4d2p) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * [Energy - Types of Energy | Young People's Trust for the Environment (ypte.org.uk)](http://ypte.org.uk/factsheets/energy/types-of-energy?gclid=EAIaIQobChMIrci8z5_-7QIVG-3tCh1JYgfaEAAYAyAAEgL07fD_BwE) * [Home (jamesdysonfoundation.co.uk)](https://www.jamesdysonfoundation.co.uk/) * [How to make a Rubber Band powered Car - Air Car - YouTube](https://www.youtube.com/watch?v=YSqj1c8fBns) * [COP26 Glasgow: a guide for kids - National Geographic Kids (natgeokids.com)](https://www.natgeokids.com/uk/discover/science/nature/what-is-cop26-glasgow/) |

Year 8 Spring Revision for Science

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| What assessments will I have in the Spring Term? |
| End of term assessment on:   * Working Scientifically * Energy * Genes * Matter * Electricity   Assessed progress task |
| What do I need to revise? |
| 1. **Working Scientifically** 2. **Energy** 3. **Genes** 4. **Matter**  * Atoms, Elements, Compounds * Chemical formula * Solutions * Solubility * Separation techniques * Chromatography * Distillation  1. **Electricity**  * Potential difference and Current * Circuits and symbols * Resistance |
| How can I revise for Science? |
| Workbook  Knowledge organisers  End of topic questions  Past assessments |
| Useful resources I can use: |
| Knowledge organisers  Educake  Kerboodle |
| Useful websites I can use: |
| [KS3 Science - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zng4d2p)  <https://www.youtube.com/watch?v=VUworhvk5rw> – Energy Stores |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Starting your periods – NHS (www.nhs.uk)  [Periods In Islam – Get Your Facts Straight! » Hidden Pearls (hidden-pearls.co.uk)](https://www.hidden-pearls.co.uk/the-hijab-diaries/periods-in-islam-get-your-facts-straight/)  [The ten female Muslim scientists paving the way to a better future - The Muslim Vibe](https://themuslimvibe.com/muslim-lifestyle-matters/women/the-ten-female-muslim-scientists-paving-the-way-to-a-better-future#:~:text=%20The%20ten%20female%20Muslim%20scientists%20paving%20the,receiving%20her%20early%20education%20in%20Penang%2C...%20More%20)  <https://phet.colorado.edu/en/simulation/circuit-construction-kit-dc>  watch the Current War - ****The Current War**** is a 2017 American historical drama film inspired by the 19th-century competition between Thomas Edison and George Westinghouse over which****electric power delivery system**** would be used in the United States (often referred to as the "war****of the currents").****  [COP26 Glasgow: a guide for kids - National Geographic Kids (natgeokids.com)](https://www.natgeokids.com/uk/discover/science/nature/what-is-cop26-glasgow/) |

Year 9 Spring Revision Science

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| What assessments will I have in the Spring Term? |
| End of term assessment:   * Working Mathematically * Working Scientifically * Organisms * Acid Reactions * Health and disease * Ecosystems * Progress task(s) |
| What do I need to revise? |
| 1. **Working Mathematically**  * Types of data * Representing values and calculations: Sig fig, standard form, rounding, place value * Accuracy * Presenting data: table, graphs  1. **Working Scientifically**  * Variables * Conclusions * Constructing graphs * Risk assessment * Errors – random and systematic * Resolution  1. **Organisms**  * The role of enzymes in the digestive system * Physical, mechanical, and chemical digestion help to break down food in digestion * The role of different blood vessels in the body * Structure of the heart and CHD  1. **Acid Reactions**  * Understand and explore what chemical reactions are * Explore acids and alkalis * Explore the use of indicators to identify particular substances * Explore the use of the pH scale to identify substances * Understand and explore neutralisation reactions  1. **Health and Disease**  * To explore Communicable and non-communicable disease * Natural defence and second line of defence * To explore the four different pathogens and describe how they enter the body * To explain the history of vaccinations  1. **Ecosystems**  * Aerobic and Anaerobic Respiration * Biotechnology * Photosynthesis * Structure of a leaf * Rate of photosynthesis |
| How can I revise for Science? |
| Workbooks  Class notes  Knowledge organisers/Revision cards  Learning outcomes |
| Useful resources I can use: |
| Educake  Kerboodle  GCSE Bitesize |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/subjects/zng4d2p>  [Pathogens - Communicable diseases - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zxr7ng8/revision/1) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Vaccines for Pandemic Threats | History of Vaccines](https://www.historyofvaccines.org/index.php/content/articles/vaccines-pandemic-threats)  [25 Interesting Facts About Diseases | KickassFacts.com](https://www.kickassfacts.com/25-interesting-facts-about-diseases/) |

Year 7 Spring Revision for Arabic

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| What assessments will I have in the Spring Term? |
| Several vocabulary tests.  All reading, writing, speaking and listening exercises will be marked |
| What do I need to revise? |
| pronouns  Around the House.  Name items around the house including rooms around the house.  How to identify a Feminine word.  How to identify definite and indefinite words in Arabic.  Familiarize oneself with Food and Drink.  Food Vocabulary |
| How can I revise for Arabic? |
| Information Unavailable |
| Useful resources I can use: |
| Information Unavailable |
| Useful websites I can use: |
| Information Unavailable |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Information Unavailable |

Year 8 Spring Revision for Arabic

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| What assessments will I have in the Spring Term? |
| Weekly vocabulary tests  A brief written set of directions to school from your home. |
| What do I need to revise? |
| My region, places in town.  Directions and modes of transport.  Local amenities. |
| How can I revise for Arabic? |
| Information Unavailable |
| Useful resources I can use: |
| Information Unavailable |
| Useful websites I can use: |
| Information Unavailable |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Information Unavailable |

Year 9 Spring Revision for Arabic

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| What assessments will I have in the Spring Term? |
| Assessed presentation on virtual house tour.  There will also be regular vocabulary tests based on the weekly vocabulary covered. |
| What do I need to revise? |
| My house, my town and country.  Using opinion phrases.  Arab places to visit around the globe. |
| How can I revise for Arabic? |
| Information Unavailable |
| Useful resources I can use: |
| Information Unavailable |
| Useful websites I can use: |
| Information Unavailable |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Information Unavailable |

Year 7 Spring Revision for French

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| What assessments will I have in the Spring Term? |
| A speaking test on describing people and expressing an opinion about them: hair style and colour; eye colour; personality. |
| What do I need to revise? |
| Adjectives to describe physical appearance.  Adjectives to describe personality.  Opinion phrases. |
| How can I revise for French? |
| Read through vocabulary lists; little and often. |
| Useful resources I can use: |
| Worksheets. |
| Useful websites I can use: |
| Word Reference. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| French Films, such as Le Petit Nicolas. |

Year 8 Spring Revision for French

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| What assessments will I have in the Spring Term? |
| A speaking test on friends: character and activities. |
| What do I need to revise? |
| Present tense regular verbs; present tense être and faire.  Perfect tense regular verbs; perfect tense faire.  Justified opinions on activities. |
| How can I revise for French? |
| Read through vocabulary lists; little and often. |
| Useful resources I can use: |
| Worksheets. |
| Useful websites I can use: |
| Word Reference. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| French Films, such as Le Petit Nicolas. |

Year 9 Spring Revision for French

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| What assessments will I have in the Spring Term? |
| A test on describing my home town and region.  A test on school subjects. |
| What do I need to revise? |
| School subjects and linked verbs: étudier, apprendre, faire.  Why you like / dislike a school subject.  Places in town and prepositions linked to gender.  Opinion phrases: je pense que / je crois que / pour moi / à mon avis. |
| How can I revise for French? |
| Read through vocabulary lists; little and often.  Keep in control of verbs by reading through endings very often. |
| Useful resources I can use: |
| Worksheets. |
| Useful websites I can use: |
| Word Reference. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| French Films, such as Le Petit Nicolas. |

KS4

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| FPN | Pg. 61-62 |
| Maths | Pg. 63-74 |
| Creative iMedia | Pg. 75-76 |
| Textile | Pg. 77-80 |
| English | Pg. 81-85 |
| Computer Science | Pg. 86-89 |
| Urdu | Pg. 90-91 |
| ART | Pg. 92-93 |
| Geography | Pg. 94-95 |
| History | Pg. 96.97 |
| Physical Education | Pg. 98-99 |
| Religious Studies | Pg. 100-102 |
| Science | Pg. 103-138 |
| Arabic | Pg. 139-140 |
| French | Pg. 141-142 |

Year 10 Spring Revision for Food Preparation & Nutrition

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| What assessments will I have in the Spring Term? |
| * Food provenance * Environmental impact and sustainability of food. * Food processing and production. * The use of additives in food products. * Food preparation skills- to plan, prepare and cook recipes to meet all food investigation tasks. Accuracy and execution of skills to meet all hygiene and safety guidelines. |
| What do I need to revise? |
| * Environmental issues associated with food. * Primary and secondary processing of food. * Advantages & disadvantages of organic farming, Fairtrade and GM foods. |
| How can I revise for Food Preparation & Nutrition? |
| * Recap activities completed from Food preparation & nutrition textbook, worksheets and key terms provided * Answer closed and open- ended practice questions. * Complete questions and activities from Food preparation & nutrition revision book and Food preparation & nutrition digital book |
| Useful resources I can use: |
| * Food preparation & nutrition textbook * Food preparation & nutrition revision book * Food preparation & nutrition digital book * Create mind maps, flash cards |
| Useful websites I can use: |
| <https://thesustainabilityalliance.us/>  <https://www.bbc.com/aboutthebbc/reports/policies/sustainability>  [www.soilsassociation.org](http://www.soilsassociation.org)  <https://www.theexplorer>  <https://www.theguardian.com/science/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * Watch documentaries on how locally grown foods can support the British Industry. * Watch BBC- The Food programme/what to eat to save the planet. * Watch animations and videos on Digital bundle |

Year 11 Spring Revision for Food Preparation & Nutrition

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| What assessments will I have in the Spring Term? |
| * Completion of section A and B & C for controlled assessment (AO1, AO2, AO3, AO4) * Planning and making of 3 final dishes, time plans, justification of how dishes selected meet task requirements. * Execution of technical skills, personal organisation, time management, safe & hygienic food practice, safe use of hob, oven and electrical equipment, appropriate garnish and presentation of dishes. |
| What do I need to revise? |
| * Practice technical skills to ensure accuracy of execution of technical skills and a successful outcome for final assessment |
| How can I revise for Food Preparation & Nutrition? |
| * Practice technical skills to ensure accuracy of execution of technical skills and a successful outcome. |
| Useful resources I can use: |
| AQA digital book/animations and videos  AQA Food Preparation & nutrition textbook |
| Useful websites I can use: |
| [www.bbcgoodfood.com](http://www.bbcgoodfood.com)  [www.foodafactoflife.org](http://www.foodafactoflife.org)  [www.bnf.org](http://www.bnf.org) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Watch you tube and digital book videos, TV programmes such as Master Chef to develop food preparation skills.  Read food magazines and recipe books. |

Year 10 Foundation Spring Revision for Mathematics.

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| What assessments will I have in the Spring Term? |
| Calculator Exam called Edexcel 2F - Duration 1hour 30min  Calculator Edexcel called Edexcel 3F - Duration 1hour 30min |
| What do I need to revise? |
| Number topic:  Ordering and comparing negative numbers  Reciprocal  Ratio and Decimal Problems  Inequalities  Ordering Numbers  Writing: Decimals as %, fraction ad %, % as a fraction, % as a decimal, fraction as a decimal  Using a calculator  Rounding  Metric Conversions  Equivalent Fractions  Square numbers and Cube numbers  Error intervals  Sequences  Forming and Simplifying Ratios  Dividing into a ratio  Equivalent ratios  Simple Systematic Listing  Time: Hours, minutes and seconds  Index Notation  Compound Interest and Depreciation  Standard Form  Metric Imperial Conversions  Equivalence of ratio and fractions  Product of Prime Factors, HCF, LCM  Using ratio in shape context  Worded Percentage and Fractions Applications  Instalment Payments  Proportion Recipe Questions  Simple Bounds  Finding the Mode, Median or mean from a list of numbers.  Half way between numbers  Algebra topics:  Simplify like terms  Expanding single brackets  Expanding double brackets  Substitution  Area and Perimeter problems using algebra  Know everything about lines: The Equation of a Line y=mx+c, parallel lines, its gradients, its y intercept.  Simultaneous Equations  Forming and Solving Equations from worded questions  Substitute into Formulae  Know all the terms: Expression, equation, Formula, Identity  Geometry topic:  Drawing Shapes  Area and Perimeter Problems  Functional Area Problems  Transformations: Rotation. Reflection, Translation and Enlargement  Finding Missing Angles in quadrilaterals  Drawing Scales Diagrams using a protractor  Simple Angles  Coordinates in all 4 quadrants  Volume of cylinders  Simple Translation of column vectors  Pythagoras theorem a2 +b2 = c2  Data handling:  Scatter graphs and Reasoning  Frequency trees  Interpreting Pie Charts  Probability table  Tally/Frequency table  Tree Diagrams  Listing combinations/outcomes  Draw and interpret a Stem and leaf diagram  Find mean from a frequency table |
| How can I revise for Mathematics? |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| Maths made easy exam questions and answers:  [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/) |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 10 Higher Spring Revision for Mathematics.

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| What assessments will I have in the Spring Term? |
| Calculator Exam called Edexcel 2H - Duration 1hour 30min  Calculator Edexcel called Edexcel 3H - Duration 1hour 30min |
| What do I need to revise? |
| Number topic:  Index Notation  Index Notation Fractional  Negative Indices  HCF and LCM  Upper and Lower Bounds  Error interval  Counting Methods  Dividing into a ratio  Combining Ratios  Ratio and Proportion Problem involving liquid (volume)  Dividing into a ratio  All operations with Standard Form  Compound Interest and Depreciation  Fractions, Decimals and %  Speed, Distance and Time  Pressure, Force and Area  Density, Mass and Volume  Basic conversion: imperial to metric or metric to imperial  Mean, Mode, Median and Range  Surds  Reciprocal  Quadratic sequences: Finding the nth term  Algebra topics:  Create a Formula  Forming and Solving Equations  Solving Equations with Algebraic Fractions  Solving quadratics  Rearrange fractional Equations  Changing the Subject of a Formula  Understanding the Quadratic Formula  Equations and Indices  Inequalities Regions  Simultaneous Equations  Factorising  Solving  Expanding single, or double or triple brackets  Area and Perimeter of quadrilaterals involving algebraic sides  Gradient of curved graphs  Interpreting gradients of different types of graphs  Completing the square  Turning points or Max and Min points from a graph or from completing the square  Geometry topic  Similar shapes  Angles in Polygons  Interior and Exterior Angles  Complement to angle in triangle  Trigonometry  Sine Rule  Cosine rule  Area of a triangle 1/2abSinC  Simple Translation of column vectors  Volume and Surface area of cones, spheres and frustums (Formula will be given)  Data Handling topic:  Probability with and without Tree Diagrams  Probability Venn diagrams  Velocity Time Graphs  Understanding Independence  Cumulative Frequency Graph  Scatter diagram  Counting Methods: possible out comes  Frequency diagrams  Estimating mean from a frequency table  Drawing and interpreting Box plots |
| How can I revise for Mathematics? |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| Maths made easy exam questions and answers:  [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/) |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 11 Foundation Spring Revision for Mathematics.

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| What assessments will I have in the Spring Term? |
| Edexcel Non-Calculator Edexcel Exam 1F (1 hour 30 mins)  Edexcel Calculator Edexcel Exam 2F (1 hour 30 mins)  Edexcel Calculator Edexcel Exam 3F (1 hour 30 mins) |
| What do I need to revise? |
| Number topic:  Ordering and comparing negative numbers  Reciprocal  Ratio and Decimal Problems  Inequalities  Ordering Numbers  Writing: Decimals as %, fraction ad %, % as a fraction, % as a decimal, fraction as a decimal  Using a calculator  Rounding  Metric Conversions  Equivalent Fractions  Square numbers and Cube numbers  Error intervals  Sequences, finding the nth term  Forming and Simplifying Ratios  Dividing into a ratio  Equivalent ratios  Estimating by rounding to 1 sf  Simple Systematic Listing  Time: Hours, minutes and seconds  Index Notation  Compound Interest and Depreciation  Standard Form ALL  Metric Imperial Conversions  Equivalence of ratio and fractions  Product of Prime Factors, HCF, LCM  Using ratio in shape context  Worded Percentage and Fractions Applications  Instalment Payments  Proportion Recipe Questions  Simple Bounds  Finding the Mode, Median or mean from a list of numbers.  Half way between numbers  Speed , Distance and Time  Algebra topics:  Simplify like terms  Expanding single brackets  Expanding double brackets  Substitution  Area and Perimeter problems using algebra  Know everything about lines: The Equation of a Line y=mx+c, parallel lines, its gradients, its y intercept.  Simultaneous Equations  Forming and Solving Equations from worded questions  Substitute into Formulae  Know all the terms: Expression, equation, Formula, Identity  Plotting Linear graphs  Inequalities on a number line  Solving inequalties  Geometry topic:  Drawing Shapes  Area and Perimeter Problems  Functional Area Problems  Transformations: Rotation. Reflection, Translation and Enlargement  Finding Missing Angles in quadrilaterals  Drawing Scales Diagrams using a protractor  Simple Angles  Coordinates in all 4 quadrants  Volume of cylinders  Simple Translation of column vectors  Pythagoras theorem a2 +b2 = c2  Interior and exterior angles of a polygon (know the interior angle formula and exterior angle formula)  Data handling:  Scatter graphs and Reasoning  Bar charts/Line graphs/dual bar charts  Interpreting Pie Charts  Probability table  Tally/Frequency table  Probability Tree Diagrams  Drawing polygons  Listing combinations/outcomes  Draw and interpret a Stem and leaf diagram  Find mean from a frequency table |
| How can I revise for Mathematics |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| Maths made easy exam questions and answers:  [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/)  Use the textbook school has provided called:  *The Ready? Set? Go!: GCSE Maths Crossover Revision Workbook Paperback – 1 Sept. 2020* |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 11 Higher Spring Revision for Mathematics.

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| What assessments will I have in the Spring Term? |
| Edexcel Non-Calculator Edexcel Exam 1H (1 hour 30 mins)  Edexcel Calculator Edexcel Exam 2H (1 hour 30 mins)  Edexcel Calculator Edexcel Exam 3H (1 hour 30 mins) |
| What do I need to revise? |
| Number topic:  Index Notation  Index Notation Fractional  Negative Indices  HCF and LCM  Upper and Lower Bounds  Error interval  Counting Methods  Dividing into a ratio  Combining Ratios  Ratio and Proportion Problem involving liquid (volume)  Dividing into a ratio  All operations with Standard Form  Compound Interest and Depreciation  Fractions, Decimals and %  Speed, Distance and Time  Pressure, Force and Area  Density, Mass and Volume  Basic conversion: imperial to metric or metric to imperial  Mean, Mode, Median and Range  Surds  Reciprocal  Quadratic sequences: Finding the nth term  Estimating by rounding to 1 sf  Standard form  Recurring decimals  Inverse and direct proportion  All Functions, inverse function.  Algebra topics:  Create a Formula  Forming and Solving Equations  Solving Equations with Algebraic Fractions  Solving quadratics  Rearrange fractional Equations  Changing the Subject of a Formula  Understanding the Quadratic Formula  Equations and Indices  Inequalities Regions  Inequalities on a number line  Simultaneous Equations  Factorising  Solving  Expanding single, or double or triple brackets  Area and Perimeter of quadrilaterals involving algebraic sides  Gradient of curved graphs  Interpreting gradients of different types of graphs  Completing the square  Turning points or Max and Min points from a graph or from completing the square  Plotting linear graphs, plotting quadratics. Plotting reciprocal graphs  All about lines, midpoint, parallel lines, perpendicular.  Geometry topic  Similar shapes  Angles in Polygons  Interior and Exterior Angles  Complement to angle in triangle  Trigonometry  Sine Rule  Cosine rule  Area of a triangle 1/2abSinC  Simple Translation of column vectors  Volume and Surface area of cones, spheres and frustums (Formula will be given)  Circle theorems  Area of a Sector,  Arc length  Data Handling topic:  Probability with and without Tree Diagrams  Probability Venn diagrams  Velocity Time Graphs  Understanding Independence  Cumulative Frequency Graph- Median, inter quartile range  Scatter diagram  Counting Methods: possible out comes  Frequency diagrams  Estimating mean from a frequency table  Drawing and interpreting Box plots |
| How can I revise for Mathematics |
| Look through your exercise book and redo class/worksheet questions.  Log onto Hegarty Maths. In the search bar type in the topic you want to revise. (Use the words from the above list). Videos will come up along with questions called quiz to complete.  (If you need help on how to use Hegarty maths visit:  PMGHS website =>Information =>School gateway=>Hegarty maths |
| Useful resources I can use: |
| Maths made easy exam questions and answers:  [GCSE Maths Revision | Past Papers | Worksheets | Online Tests (mathsmadeeasy.co.uk)](https://mathsmadeeasy.co.uk/gcse-maths-revision/)  Use the textbook school has provided called:  *The Ready? Set? Go!: GCSE Maths Crossover Revision Workbook Paperback – 1 Sept. 2020* |
| Useful websites I can use: |
| Websites you recommended  MathsWatch - <https://vle.mathswatch.co.uk/vle/>  Corbett Maths - <https://corbettmaths.com/contents/>  Dr Frost Maths - <https://www.drfrostmaths.com/>  Maths Made Easy - <https://mathsmadeeasy.co.uk/>  Mr Barton GCSE takeaway Maths: <http://www.mrbartonmaths.com/gcsetakeaway.htm>  BBC Bitesize: <http://www.bbc.co.uk/education>  Just Maths: <https://online.justmaths.co.uk/>  Hegarty Maths: [Student login (hegartymaths.com)](https://hegartymaths.com/login/learner) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| The Alan Turing Cryptography Competition  Now in its tenth year, the Alan Turing Cryptography Competition is aimed at secondary school children in the UK up to Year 11. You don't need to be a computer whizz or a mathematical genius — you just need to keep your wits about you and be good at solving problems!  The competition is organised by the Department of Mathematics at the University of Manchester.  Sounds great! How can I take part and what do I have to do?  The competition will start on Monday 17th January 2022  Follow the link and instructions given by Manchester University. Enjoy!  https://www.maths.manchester.ac.uk/cryptography\_competition/ |

Year 10 Spring Revision for Creative IMedia.

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| What assessments will I have in the Spring Term? |
| R089 – Creating Digital Video – LO2 Be able to plan a digital video sequence. |
| What do I need to revise? |
| * Client requirements and target audience. * How to create a workplan. * Creating a storyboard. * How to create a script. * Hardware and software requirements for creating a digital video. |
| How can I revise for Creative IMedia? |
| * Read over lesson PowerPoints. * Review the assignment requirements for LO2 – R089 creating digital video. |
| Useful resources I can use: |
| [Cambridge National Level 1/2 Creative iMedia Student Textbook](https://www.hoddereducation.co.uk/subjects/media-studies/products/general/cambridge-national-level-1-2-creative-imedia)  R089 assignment – provided by the exam board OCR. |
| Useful websites I can use: |
| BBC Bitesize  YouTube |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.youtube.com/watch?v=zRxnvMJVyQ8> |

Year 11 Spring Revision for Creative IMedia.

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| What assessments will I have in the Spring Term? |
| R082 – Creating digital graphics |
| What do I need to revise? |
| * Purpose and properties of digital graphics. * Be able to plan a digital graphic. * Be able to create a digital graphic. * Be able to review a digital graphic. |
| How can I revise for Creative IMedia? |
| * Read over lesson PowerPoints. * Review requirements of coursework unit – R082. * Review guidance from your teacher. |
| Useful resources I can use: |
| [Cambridge National Level 1/2 Creative iMedia Student Textbook](https://www.hoddereducation.co.uk/subjects/media-studies/products/general/cambridge-national-level-1-2-creative-imedia) |
| Useful websites I can use: |
| BBC Bitesize  YouTube |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.youtube.com/watch?v=nCmjZeuoq5I>  <https://www.youtube.com/watch?v=3RCXnEJNigs>  <https://www.youtube.com/watch?v=nCmjZeuoq5I&list=PL3MgmdiUW2NpJJTjq8UVb5KVbdeOxHQwN> |

Year 10 Spring Revision for Art & design – Textile design

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| What assessments will I have in the Spring Term? |
| You will be assessed on your work to date, specifically how you have demonstrated understanding of AO1, AO2 and AO3. |
| What do I need to revise? |
| You should use your time to complete tasks that can be done at home, specifically annotation and research.  You need to demonstrate understanding of different textile skills and terminology. You need to demonstrate that you can effectively analyse the work of other artists and that you can reference artistic subject matter within that analysis (e.g., tone, line, colour, texture etc.) |
| How can I revise for Textile design? |
| Visit BBC bitesize for videos and helpful hints on how and why annotation is important within your work. |
| Useful resources I can use: |
| <https://www.bbc.co.uk/bitesize/guides/z2hp3k7/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zyv397h/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zc7mng8/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zpcndxs/revision/1>  <https://www.bbc.co.uk/bitesize/guides/z8pfcj6/revision/1>  <https://www.bbc.co.uk/bitesize/guides/z8sv97h/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zgtngdm/revision/1> |
| Useful websites I can use: |
| <https://artuk.org/>  <https://www.designcouncil.org.uk/>  <https://www.textileartist.org/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.bbc.co.uk/arts>  <https://www.bbc.com/culture/columns/art>  <https://patternanddesign.com/top-design-resources-for-your-surface-pattern-designs/> |

Year 11 Spring Revision for Art & design – Textile design

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| What assessments will I have in the Autumn Term? |
| You will be moving back onto the natural form project for the remainder of the year, so far you should have demonstrated your understanding of AO1, AO2 and AO3. As we move forward to need to add more personal elements and final outcomes (AO4). |
| What do I need to revise? |
| You should use your time to complete tasks that can be done at home, specifically annotation.  You need to demonstrate understanding of different textile skills and terminology. You need to demonstrate that you can effectively analyse the work of other artists and that you can reference artistic subject matter within that analysis (e.g., tone, line, colour, texture etc.) |
| How can I revise for Textile design? |
| Visit BBC bitesize for videos and helpful hints on how and why annotation is important within your work. |
| Useful resources I can use: |
| <https://www.bbc.co.uk/bitesize/guides/z2hp3k7/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zyv397h/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zc7mng8/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zpcndxs/revision/1>  <https://www.bbc.co.uk/bitesize/guides/z8pfcj6/revision/1>  <https://www.bbc.co.uk/bitesize/guides/z8sv97h/revision/1>  <https://www.bbc.co.uk/bitesize/guides/zgtngdm/revision/1> |
| Useful websites I can use: |
| <https://artuk.org/>  <https://www.designcouncil.org.uk/>  <https://www.textileartist.org/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| <https://www.bbc.co.uk/arts>  <https://www.bbc.com/culture/columns/art>  <https://patternanddesign.com/top-design-resources-for-your-surface-pattern-designs/> |

Year 10 Spring 1 Revision for English.

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| What assessments will I have in the Spring Term? |
| READING: Literature GCSE TEXT ‘A Christmas Carol’ and exploring the poem ‘The Prelude’ from the ‘Power and Conflict’ anthology  Analyse a given extract from the novel  Explore one of the following poems ‘London’ or ‘The Prelude’  End of term assessment:  A Literature assessment based on an extract from the novella; a two-part assessment that focuses on exploring the extract and looking at the novella as a whole |
| What do I need to revise? |
| READING  AO1: How to read: read understand and respond to texts, maintain a critical style and develop an informed personal response, use textual references, including quotations, to support and illustrate interpretations.  AO2: How to analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate’  AO3: How to show understanding of the relationships between texts and the  contexts in which they were written  AO4: Practise using a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.  Practise essay writing In timed conditions. |
| How can I revise for English? |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Reread the novel and the poems studied  Log onto Seneca learning and complete the set assignments |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Micro Soft Teams – Class PPTs  Revision booklets created by your teachers |
| Useful websites I can use: |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [A Christmas Carol - GCSE English Literature Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zcs8qty)  [KS4 A christmas carol - Teaching resources (wordwall.net)](https://wordwall.net/en-gb/community/ks4/a-christmas-carol)  [Unit - Oak National Academy (thenational.academy)](https://classroom.thenational.academy/units/a-christmas-carol-fa13)  [Unit - Oak National Academy (thenational.academy)](https://classroom.thenational.academy/units/aqa-power-and-conflict-poetry-c8d1)  [AQA Power and Conflict Resources - Douglas Wise](https://www.douglaswise.co.uk/aqa-power-conflict-resources/)  [KS4 Power and conflict - Teaching resources (wordwall.net)](https://wordwall.net/en-gb/community/ks4/power-and-conflict)  [KS4 Power and conflict - Teaching resources (wordwall.net)](https://wordwall.net/en-gb/community/ks4/power-and-conflict)  [Mrs Whelan's English - YouTube](https://www.youtube.com/channel/UC0jbf4wI1GPts6hpbKZ-7Bw) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Watch the film ‘A Christmas Carol’. There are many variations – look at the differences.  Research the different poets and the conflict that they discuss in their poems.  Research Charles Dickens, his life, his work and his philosophy |

Year 10 Spring 2 Revision for English.

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| What assessments will I have in the Spring 2 Term? |
| READING: Literature GCSE TEXT ‘An Inspector Calls’ and exploring the poems ‘My Last Duchess’ and ‘The Charge of The Lightbrigade’ from the ‘Power and Conflict’ anthology  Teacher assessment: Explore one of the poems that has been studied thus far  End of Half term assessment: A Literature assessment based on a theme/character from the play Act 1 or 2 |
| What do I need to revise? |
| READING  AO1: How to read: read understand and respond to texts, maintain a critical style and develop an informed personal response, use textual references, including quotations, to support and illustrate interpretations.  AO2: How to analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate’  AO3: How to show understanding of the relationships between texts and the  contexts in which they were written  AO4: Practise using a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.  Practise essay writing In timed conditions. |
| How can I revise for English? |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Reread the Act 1 and Act 2 of the playl and the poems studied  Log onto Seneca learning and complete the set assignments |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  Micro Soft Teams – Class PPTs  Revision booklets created by your teachers |
| Useful websites I can use: |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [An Inspector Calls - GCSE English Literature Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zpr639q)  ['An Inspector Calls': Top Set Analysis - Bing video](https://www.bing.com/videos/search?q=an+inspector+calls+revision&docid=608010225041829358&mid=E49E029DF27DF267A149E49E029DF27DF267A149&view=detail&FORM=VIRE)  [AQA English Revision - Games](https://www.aqaenglishrevision.com/an-inspector-calls/games)  ['My Last Duchess' in 6 Minutes: Quick Revision - YouTube](https://www.youtube.com/watch?v=itfGGpFIloc)  [BBC Two - English File, Texts In Time: Picture in the Poem, 'My Last Duchess' by Robert Browning (dramatisation)](https://www.bbc.co.uk/programmes/p00wwx66)  [Context - The Charge of the Light Brigade - CCEA - GCSE English Literature Revision - CCEA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zysnxfr/revision/2)  <http://www.clickrevision.com/beta/literature/an-inspector-calls/AIC01.html> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Watch the film ‘An Inspector Calls. There are many variations – look at the differences.  Research the different poets and the conflict that they discuss in their poems.  Research J B Priestley, his life, his work and his philosophy - CONTEXT  Research the impact of capitalism and socialism on a country  Use the revision guides that teachers post on MST |

Year 11 Spring 1 Revision for English.

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| What assessments will I have in Spring 1Term? | |
| Mock Assessments in January:   * English Language Paper1 (Sections A and B) total 80 marks * Literature Paper 2 Section A extract from Romeo and Juliet (Act 1 or Act 2) total 34 marks * Literature Paper 2 Section B first unseen poetry. Explore how the poet uses structure/language/imagery * Literature Paper 2 Section B second unseen poetry. Compare this poem to the first poem. | |
| What do I need to revise? | |
| Literature:  AO1: How to read: read understand and respond to texts, maintain a critical style and develop an informed personal response, use textual references, including quotations, to support and illustrate interpretations.  AO2: How to analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate’  AO3: How to show understanding of the relationships between texts and the contexts in which they were written  AO4: Practise using a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation. | Language:  Read a wide range of texts, fluently and with good understanding  read critically, and use knowledge gained from wide reading to inform and improve  their own writing  Write effectively and coherently using Standard English appropriately  Use grammar correctly, punctuate and spell accurately  Acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language |
| How can I revise for English? | |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Reread the play and read as many unseen poems as you can  Log onto Seneca learning and complete the set assignments | |
| Useful resources I can use: | |
| Your exercise book is the best resource that you have.  Micro Soft Teams – Class PPTs  Revision booklets created by your teachers | |
| Useful websites I can use: | |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [Shakespeare: Characters in Romeo and Juliet, Interactive Mind Map. Elearning. (gogeometry.com)](http://gogeometry.com/english/shakespeare/romeo-juliet-characters-shakespeare-mind-map.html)  [Romeo and juliet game - Teaching resources (wordwall.net)](https://wordwall.net/en-gb/community/romeo-and-juliet-game)  [KS4 Poetry Unseen - Teaching resources (wordwall.net)](https://wordwall.net/en-gb/community/ks4/poetry/unseen)  [AQA English Revision - Unseen Poetry](https://www.aqaenglishrevision.com/unseen-poetry)  [www.aqaenglishrevision.com/lang-paper-1](http://www.aqaenglishrevision.com/lang-paper-1) | |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): | |
| Watch the film Romeo and Juliet. There are many variations – look at the differences.  Read the key scenes again – try to get into character (thoughts/actions)  Link the themes to modern day – how would you respond?  Unseen poetry – read a selection of poetry. There is a collection in MST. | |

Year 11 Spring 2 Revision for English.

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| What assessments will I have in Spring 1Term? | |
| Mock Assessments:   * English Language Paper 2 (Full paper) * English Literature ‘An Inspector Calls’ * English Literature ‘A Christmas Carol’ | |
| What do I need to revise? | |
| Literature:  AO1: How to read: read understand and respond to texts, maintain a critical style and develop an informed personal response, use textual references, including quotations, to support and illustrate interpretations.  AO2: How to analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate’  AO3: How to show understanding of the relationships between texts and the contexts in which they were written  AO4: Practise using a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation. | Language:  Read a wide range of texts, fluently and with good understanding  read critically, and use knowledge gained from wide reading to inform and improve  their own writing  Write effectively and coherently using Standard English appropriately  Use grammar correctly, punctuate and spell accurately  Acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language |
| How can I revise for English? | |
| Look back over the PPTs you have been studying with your class teacher (all can be found on MST).  Look back over the work you have completed in your books.  Reread the play and read as many unseen poems as you can  Log onto Seneca learning and complete the set assignments | |
| Useful resources I can use: | |
| Your exercise book is the best resource that you have.  Micro Soft Teams – Class PPTs  Revision booklets created by your teachers  Exam stle questions on MST | |
| Useful websites I can use: | |
| [WWW.SENECA.LEARNING.COM](http://WWW.SENECA.LEARNING.COM)  [BBC iPlayer - A Christmas Carol](https://www.bbc.co.uk/iplayer/episode/m0001kwg/a-christmas-carol)  <https://www.bbc.co.uk/programmes/articles/4y78YB9vVMG1xYrW8CmzjPw/a-life-wasted-who-was-the-real-ebenezer-scrooge>  [BBC iPlayer - An Inspector Calls](https://www.bbc.co.uk/iplayer/episode/p02z80kq/an-inspector-calls)  [An Inspector Calls - GCSE English Literature Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zpr639q)  [An Inspector Calls - Episode 1: Context (clickrevision.com)](http://www.clickrevision.com/beta/literature/an-inspector-calls/AIC01.html)  [AQA English Revision - Lang Paper 2](https://www.aqaenglishrevision.com/lang-paper-2) | |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): | |
| Watch the film Romeo and Juliet. There are many variations – look at the differences.  Read the novel and play – try to get into characters (thoughts/actions)  Link the themes to modern day – how would you respond? | |

Year 10 Spring Revision for Computer Science.

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| What assessments will I have in the Spring Term? |
| Unit 1, 2, 3, 4 and 5 (paper 1 topics).  Practical programming skills |
| What do I need to revise? |
| Unit 1: Systems architecture   * Architecture of the CPU * CPU Performance * Memory * Secondary Storage   Unit 2: Data Representation   * Units and binary numbers * Binary arithmetic and hexadecimal * Characters * Images * Sound * Compression   Unit 3: Networks   * The Internet and wide area networks * Local Area Networks * Wireless Networking * Client-Server and P2P Networks * Standards Protocols and Layers   Unit 4: Network Security and Systems software   * Network threats * Preventing vulnerabilities * Operating systems * Utility software   Unit 5: Impacts of Digital Technology   * Ethical and Cultural issues * Environmental issues * Legislation and privacy   Practise python practical programming skills. |
| How can I revise for Computer Science? |
| * Make some useful revision notes and mind maps per topic and subtopic. * Be creative and fun with your notes. * Go through the worksheets that we did in class. * Use your quick tests to test yourselves. * Use the websites listed below to quiz yourself and revise. |
| Useful resources I can use: |
| * CGP revision guide * PG online green textbook * PGOnline revision white book * 10 minute quick tests CGP * Question cards * Class notes * Worksheets and homework sheets * Your folders |
| Useful websites I can use: |
| * Python: Khan academy online * <https://www.youtube.com/user/khanacademy/search?query=python> * Seneca online: <https://senecalearning.com/en-GB/blog/gcse-computer-science-revision/> * <https://www.w3schools.com/python/default.asp> * <https://www.codecademy.com> * <https://www.bbc.co.uk/bitesize/examspecs/zmtchbk> * <https://student.craigndave.org/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * <https://www.bbc.co.uk/bitesize/examspecs/zmtchbk> * <https://senecalearning.com/en-GB/> * <https://www.youtube.com/user/khanacademy/search?query=python> * <https://www.youtube.com/channel/UC0HzEBLlJxlrwBAHJ5S9JQg> |

Year 11 Spring Revision for Computer Science.

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| What assessments will I have in the Spring Term? |
| *Computational thinking, algorithms and programming*  Unit 6,7 & 8 (paper 2 topics).  Practical programming skills |
| What do I need to revise? |
| Unit 6: Algorithms   * Computational thinking * Searching algorithms * Sorting algorithms * Developing algorithms using flowcharts * Developing algorithms using pseudocode * Interpret, correct or complete algorithms   Unit 7: Programming   * Programming fundamentals * Sequence and selection * Iteration * Arrays * Procedures and functions * Records and files   Unit 8: Networks   * Logic diagrams and truth tables * Defensive design * Errors and testing * Translators and facilities of languages * The Integrated Development Environment   Practise python practical programming skills. |
| How can I revise for Computer Science? |
| * Make some useful revision notes and mind maps per topic and subtopic. * Be creative and fun with your notes. * Go through the worksheets that we did in class. * Use your quick tests to test yourselves. * Use the websites listed below to quiz yourself and revise. |
| Useful resources I can use: |
| * CGP revision guide * PG online green textbook * PGOnline revision white book * 10 minute quick tests CGP * Question cards * Class notes * Worksheets and homework sheets * Your folders |
| Useful websites I can use: |
| * Python: Khan academy online * <https://www.youtube.com/user/khanacademy/search?query=python> * Seneca online: <https://senecalearning.com/en-GB/blog/gcse-computer-science-revision/> * <https://www.w3schools.com/python/default.asp> * <https://www.codecademy.com> * <https://www.bbc.co.uk/bitesize/examspecs/zmtchbk> * <https://student.craigndave.org/> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * <https://www.bbc.co.uk/bitesize/examspecs/zmtchbk> * <https://senecalearning.com/en-GB/> * <https://www.youtube.com/user/khanacademy/search?query=python> * <https://www.youtube.com/channel/UC0HzEBLlJxlrwBAHJ5S9JQg> |

Year 10 Spring Term Revision Urdu.

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| What assessments will I have in the Spring Term? |
| A GCSE style writing and reading comprehension test related to the topic covered.  A GCSE style Listening test.  Vocabulary Test (written and oral). |
| What do I need to revise? |
| Use of modern technology.  How and where to use media and technology.  Newspaper, television.  Use of internet/email.  Advantages and disadvantages.  Internet shopping.  Advertisement.  Safe use of modern technology.  Healthy life style  Keeping fit, eating healthy  Talking about favourite sports & Childhood games.  Talking about different leisure activities.  (Music,Film and Television.) |
| How can I revise for Urdu? |
| Learning vocabulary  Reading on regular basis.  Writing practice. (Language/ sentence structure according to the tenses. Extending word choices)  Recall of skills – essay writing, evaluation/analysis/interpretation skills |
| Useful resources I can use: |
| Worksheets provided.  Work done in exercise books.  resources uploaded on teams. |
| Useful websites I can use: |
| <https://wordwall.net/en-us/community/urdu>  <https://books.google.co.uk/books?id>  <https://www.youtube.com/watch?v=wQ1SsZ2PaRI> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Talking in Urdu with your family members.  Reading Urdu newspapers/ books.  Watching Urdu TV programme/ news.  Listening Qur’anic stories in Urdu |

Year 11 Spring Term Revision Urdu

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| What assessments will I have in the Spring Term? |
| A GCSE style test related to the topic covered.  Listening skills Unit 1  Speaking skills Unit 2  Reading skills Unit3  Writing skills Unit 4  Vocabulary Test (written and oral). |
| What do I need to revise? |
| Preparation GCSE Speaking exams  Practise speaking skills. (Roleplays, Picture base conversation and one to one conversation).  Improving writing skills. And listening skills.  Practise reading skills, Translation practise.  Topic related vocabulary Revision words. |
| How can I revise for Urdu? |
| Complete and learn speaking sample questions.  Learning vocabulary  Reading on regular basis.  Writing practice. (Language/ sentence structure according to the tenses. Extending word choices)  Recall of skills – essay writing, evaluation/analysis/interpretation skills |
| Useful resources I can use: |
| Revision sample questions for each theme provided.  Worksheets provided.  Work done in exercise books.  Resources uploaded on teams. |
| Useful websites I can use: |
| <https://wordwall.net/en-us/community/urdu>  <https://books.google.co.uk/books?id>  <https://www.youtube.com/watch?v=wQ1SsZ2PaRI> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Talking in Urdu with your family members.  Reading Urdu newspapers/ books.  Watching Urdu TV programme/ news.  Listening Qur’anic stories in Urdu |

Year 10 Spring Revision for Art.

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| What assessments will I have in the spring term? |
| Everyday objects |
| What do I need to revise? |
| Revision will include practising key skills related to the Elements of art. To look at line, tone, space and tonal value, |
| How can I revise for Line and tone shape? |
| Continue with your journey of showing the progression from a line drawing to detailed use the grid method, surface treatment |
| Useful resources I can use: |
| Watch line drawing, how to add tone, What is shape and space in art |
| Useful websites I can use: |
| [line drawings - Bing video](https://www.bing.com/videos/search?q=line+drawings&FORM=HDRSC4)  [Observational Drawing Techniques - YouTube](https://www.youtube.com/watch?v=95IJUjnwUUA)  [Grid Method of Drawing | Drawing Lessons on grid drawing tutorial - YouTube](https://www.youtube.com/watch?v=2sAEoxrushA) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Book illustration 2028-  Visiting Harris museum, virtual galleries online  Manga anime |

Year 11 Spring Revision for Art.

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| What assessments will I have in the spring term? |
| Islamic art –  Geometry, calligraphy, arabesque |
| What do I need to revise? |
| Revision will include practising key skills related line, tone, space and tonal value, |
| How can I revise for Islamic art? |
| Continue with your work and show techniques of each area through  The artists research and pinterest board images that you have created on the 3 different areas |
| Useful resources I can use: |
| Watch videos on step by step of creating patterns in geometry and arabesque and calligaraphy |
| Useful websites I can use: |
| <https://www.bing.com/videos/search?q=how+to+draw+geometrci+%5batterns&qpvt=how+to+draw+geometrci+%5batterns&FORM=VDRE>  <https://www.bing.com/images/search?q=how+to+draw+arabesque+patterns&qpvt=how+todraw+arabesque+patterns&FORM=IGRE> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Photography  Visiting Harris museum, virtual galleries online  Architectural photography editor-Adrian Schulz |

Year 10 Spring Revision for Geography.

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| What assessments will I have in the Spring Term? |
| * Weather hazards around the world * Climate change around the world |
| What do I need to revise? |
| * Revise all content from your classwork book Autumn 2 and spring 1 * Use your geography CGP guide and revision cards |
| How can I revise for Geography? |
| * Use your CGP AQA geography text book and AQA geography flash cards * Use your exercise books and the links provided * On teams all the lessons will have been downloaded as power points for you to revisit in case of absences |
| Useful resources I can use: |
| * Teams class work area * Exercise books * CGP geography book and flash cards * Revision materials that were handed out in December |
| Useful websites I can use: |
| [timeforgeography.co.uk](file:///\\fs1\staffdocs$\george.hogan\timeforgeography.co.uk)  [www.coolgeography.co.uk](http://www.coolgeography.co.uk)  <https://www.youtube.com/channel/UCPumLvJapv0Yyk5Cyqoewew>  [www.exampro.co.uk](http://www.exampro.co.uk)  <http://www.bbc.co.uk/bitesize/examspecs/zy3ptyc>  This will take you to the AQA geography key stage 4 area |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Use BBC iplayer to look at [www.bbc.co.uk/iplayer/categories/science-and-nature/featured](http://www.bbc.co.uk/iplayer/categories/science-and-nature/featured). Various geography shows from planet earth to human planet are available to watch. |

Year 11 Spring Revision for Geography.

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| What assessments will I have in the Spring Term? |
| Course content has now been completed so assessments will range from skills test to knowledge tests throughout the spring term.  Paper 1: Living with the physical environment  Paper 2: Challenges in the human environment  Paper 3: Geographical application and skills |
| What do I need to revise? |
| * Revise all content from your classwork books from year 10 and years 11. * Use your CGP guide and revision materials you have been given which will help you track your progress and will help to recall previous taught elements of the course. |
| How can I revise for Geography? |
| * Use your CGP AQA geography text book and AQA geography flash cards * Use your exercise books and the links provided * On teams all the lessons will have been downloaded as power points for you to revisit in case of absences |
| Useful resources I can use: |
| * Teams class work area * Exercise books * CGP geography book and flash cards * Revision materials that were handed out in December |
| Useful websites I can use: |
| [timeforgeography.co.uk](file:///\\fs1\staffdocs$\george.hogan\timeforgeography.co.uk)  [www.coolgeography.co.uk](http://www.coolgeography.co.uk)  <https://www.youtube.com/channel/UCPumLvJapv0Yyk5Cyqoewew>  [www.exampro.co.uk](http://www.exampro.co.uk)  <http://www.bbc.co.uk/bitesize/examspecs/zy3ptyc>  This will take you to the AQA geography key stage 4 area |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Use BBC iplayer to look at [www.bbc.co.uk/iplayer/categories/science-and-nature/featured](http://www.bbc.co.uk/iplayer/categories/science-and-nature/featured). Various geography shows from planet earth to human planet are available to watch. |

Year 10 Spring Revision for History

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| What assessments will I have in the Spring Term? |
| * Facts test- Interleaving, Germany: The Kaiser’s Germany and Weimar Germany. * 16 mark source analysis question on The Treaty of Versailles * Facts test on Germany: Part 1 * End of term assessment (covering the spring term learning: comprising 1 source analysis question and one 12 mark question. |
| What do I need to revise? |
| Part one: Germany and the growth of democracy   * Kaiser Wilhelm and the difficulties of ruling Germany: the growth of parliamentary government; the influence of Prussian militarism; industrialisation; social reform and the growth of socialism; the domestic importance of the Navy Laws. * Impact of the First World War: war weariness, economic problems; defeat; the end of the monarchy; post-war problems including reparations, the occupation of the Ruhr and hyperinflation. * Weimar democracy: political change and unrest, 1919–1923, including Spartacists, Kapp Putsch and the Munich Putsch; the extent of recovery during the Stresemann era (1924–1929): economic developments including the new currency, Dawes Plan and the Young Plan; the impact of international agreements on recovery; Weimar culture. |
| How can I revise for History |
| * Practice spelling key words and testing yourself on the definitions. * Make mind maps on key topics, focusing on one lesson per mind map. * Make sure you understand the chronology of events (the order in which things happened). You could draw simple timelines or cartoon strips to help dual code (picture alongside writing) * Teach your family- spend time retelling our history topics as stories to your family. Remember to get the story in the correct order. Can you use your keywords in conversation? |
| Useful resources I can use: |
| * Lesson PowerPoints on MS Teams * Exercise books * Re-watch any videos used in class- links on PowerPoints * CGP Revision Guide provided as well as revision booklets created by Mrs Begum |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/guides/zcwxrdm/revision/1>  <https://www.youtube.com/watch?v=YdCiwGg9MyI>  <https://www.youtube.com/watch?v=lH_ZM1qIQN4>  <https://www.youtube.com/watch?v=H7Im3cUrFDE> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| **Watch The Rise of Evil Documentary**  **Watch The Darkest Hour Documentary** |

Year 10 Spring Revision for Physical Education.

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| What assessments will I have in the Spring Term? |
| Circuit Training plan that pupils will have devised. They will be assessed on the relevance according their individual needs. The training plan will be specific to their fitness aim and will need to include progressive overload to ensure that reversibility or overload doesn’t occur. |
| What do I need to revise? |
| Revision will include practising key skills related to fitness and circuit training at home: completing key core, upper-body and leg exercises to improve overall fitness.  Look at devising a programme that helps you work on different parts of the body, for e.g: select a progressive time that you can manage to do the exercise; pick an upper body exercise and complete this; pick a core exercise and complete this; pick a lower body exercise and complete this; rest for one minute. Repeat this again and increase your time further.  Explore ways to make your circuit training challenging at home by looking at sets, repetitions and use of hand weights. |
| How can I revise for Physical Education? |
| These exercises can be done by completing Joe Wicks online and through online circuit programmes.  Can complete an circuit training plan that aims to improve their health according to their individual need. |
| Useful resources I can use: |
| Home circuit training plans that target improving your cardiovascular fitness, strength and muscular endurance. Running, either on a treadmill or outside, to improve speed and stamina. |
| Useful websites I can use: |
| Joe Wicks – home circuit lockdown workouts.  Couch to 5K  NHS health website. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Complete an online workout.  Attend a gym or a workout class in the community.  Home workout circuit training by James Atkinson (book)  Circuit training for beginners by Andrew Hudson (book) |

Year 11 Spring Revision for Physical Education.

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| What assessments will I have in the Spring Term? |
| Circuit Training plan that pupils will have devised. They will be assessed on the relevance according their individual needs. The training plan will be specific to their fitness aim and will need to include progressive overload to ensure that reversibility or overload doesn’t occur. |
| What do I need to revise? |
| Revision will include practising key skills related to fitness and circuit training at home: completing key core, upper-body and leg exercises to improve overall fitness.  Look at devising a programme that helps you work on different parts of the body, for e.g: select a progressive time that you can manage to do the exercise; pick an upper body exercise and complete this; pick a core exercise and complete this; pick a lower body exercise and complete this; rest for one minute. Repeat this again and increase your time further.  Explore ways to make your circuit training challenging at home by looking at sets, repetitions and use of hand weights. |
| How can I revise for Physical Education? |
| These exercises can be done by completing Joe Wicks online and through online circuit programmes.  Can complete an circuit training plan that aims to improve their health according to their individual need. |
| Useful resources I can use: |
| Home circuit training plans that target improving your cardiovascular fitness, strength and muscular endurance. Running, either on a treadmill or outside, to improve speed and stamina. |
| Useful websites I can use: |
| Joe Wicks – home circuit lockdown workouts.  Couch to 5K  NHS health website. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Complete an online workout.  Attend a gym or a workout class in the community.  Home workout circuit training by James Atkinson (book)  Circuit training for beginners by Andrew Hudson (book) |

Year 10 Spring Term Revision for Religious Studies.

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| What assessments will I have in the Spring Term? |
| A linear assessment on content from the previous year as well as what has been covered in new unit.  Assessment includes mixed questions, short and long covering their ability to describe, explain, analyse and evaluate. |
| What do I need to revise? |
| * Lesson 1 –How do Christians pray? * Lesson 2 –Prayer * Lesson 3 – Baptism * Lesson 4 – Eucharist * Lesson 5 – Pilgrimage * Lesson 6 – Easter |
| How can I revise for Religious Studies? |
| Look back over the work you have completed in your books.  Learn all of your keywords and definitions. |
| Useful resources I can use: |
| Your exercise book is the best resource that you have.  AQA Religious Studies A – Christianity |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/subjects/zb48q6f>  https://revisionworld.com/gcse-revision/rs-religious-studies/islam |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Follow the news – what is going on in the world? |

Year 11 Spring Revision for Religious Studies.

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| What assessments will I have in the Spring Term? |
| Theme B: Religion and life + Theme A: Relationships and Families. |
| What do I need to revise? |
| Theme B: Religion and LifeLesson 9 – Abortion - Lesson 10- Religious views on Abortion  Lesson 11- Euthanasia  Lesson 12- Religious Views on Euthanasia  Lesson 13- Death and Afterlife  Theme A – Relationships and Families  Lesson 1 – 5 |
| How can I revise for Religious Studies? |
| * All information in exercise books is extensive * Teams – Could use two documents  1. Revision booklet pdf |
| Useful resources I can use: |
| Documents on Teams |
| Useful websites I can use: |
| AQA website – Look through past papers and mark scheme to see what is required for higher level answers |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Follow the news to keep up to date with developments that affect human rights and cover controversial and ethical issues that we have been studying. |

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| What assessments will I have in the Spring Term? |
| Spring 1 test Class test based on Electricity and Particle model of matter (4)6.2 and (4)6.3  Spring 2 test Class test based on Electricity, Particle model of matter and Atomic structure. (4)6.2, (4)6.3, (4)6.4  8463 Units 4.2, 4.3, 4.4  8464 Units 6.2, 6.3, 6.4 |
| What do I need to revise? |
| AQA content form the relevant syllabus.  See revision notes on Teams |
| How can I revise for (Physics)? |
| Revision is a personal preference. I would always incorporate past paper questions at the correct level.  Work daily, at least five minutes a day. |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake  NinjaPhysics.com  DocBrown  FreeScienceLessons.com |
| Useful websites I can use: |
| As above  An internet search using AQA Physics (single science or combined science) will throw up a huge number of relevant sites. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| As above  An internet search using AQA Physics (single science or combined science) will throw up a huge number of relevant sites. |

Year (10A) Spring Revision for (Separate Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on:  Topic 1 – Cell Biology  Topic 2 – Organisation |
| What do I need to revise? |
| Topic 1 – Cell Biology   1. **Transport in cells**  * Osmosis * Required practical 3 * Active transport   Topic 2 – Organisation   1. **Principles of organisation** 2. **Animal tissues, organs and organ systems**  * The human digestive system * Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins * Required practical activity 5: investigate the effect of pH on the rate of reaction of amylase enzyme * The heart and blood vessels * Blood * Coronary heart disease: a non-communicable disease * Health issues * The effect of lifestyle on some non-communicable diseases * Cancer |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [The heart - The circulatory system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zhnk7ty/revision/4)  [Digestive system - Digestive system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zwqycdm/revision/1)  [Pathogens - Communicable diseases - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zxr7ng8/revision/1) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [40 years of UK heart transplants - Heart Matters magazine | BHF](https://www.bhf.org.uk/informationsupport/heart-matters-magazine/medical/40-years-of-uk-heart-transplant)  [Fun Facts About the Digestive System (healthline.com)](https://www.healthline.com/health/fun-facts-about-the-digestive-system) |

Year (10B) Spring Revision for (Combined Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on:  Topic 1 – Cell Biology  Topic 2 – Organisation |
| What do I need to revise? |
| Topic 1 – Cell Biology   1. **Transport in cells**  * Osmosis * Required practical 3 * Active transport   Topic 2 – Organisation   1. **Principles of organisation** 2. **Animal tissues, organs and organ systems**  * The human digestive system * Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins * Required practical activity 5: investigate the effect of pH on the rate of reaction of amylase enzyme * The heart and blood vessels * Blood * Coronary heart disease: a non-communicable disease * Health issues * The effect of lifestyle on some non-communicable diseases * Cancer |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [The heart - The circulatory system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zhnk7ty/revision/4)  [Digestive system - Digestive system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zwqycdm/revision/1)  [Pathogens - Communicable diseases - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zxr7ng8/revision/1) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [40 years of UK heart transplants - Heart Matters magazine | BHF](https://www.bhf.org.uk/informationsupport/heart-matters-magazine/medical/40-years-of-uk-heart-transplant)  [Fun Facts About the Digestive System (healthline.com)](https://www.healthline.com/health/fun-facts-about-the-digestive-system) |

Year 10C Spring Revision for Combined Science Chemistry

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| What assessments will I have in the Spring Term? |
| End of Term Assessment:   * Atomic Structure and the periodic table * Structure and bonding |
| What do I need to revise? |
| Atomic structure and the periodic table   * Atoms, elements, compounds, and mixtures * Separation Techniques * Models of the atom * Structure of an atom * Relative atomic mass * Electronic structure of an atom * Arrangement of periodic table and development of the periodic table  Metals and non-metalsGroup 0, Group 1, and Group 7 elementsStructure and bonding  * Particle theory, melting, freezing, boiling and condensing * Dot and cross diagrams and ion formation * Ionic Bonding * Covalent Bonding * Properties of small molecules * Giant Covalent Structures * Structure and bonding of carbon * Polymers * Metallic bonding * Properties of metals and alloys |
| How can I revise for Chemistry? |
| * Workbook * Past exam questions * Knowledge organisers * Revision guides * Exercise folder |
| Useful resources I can use: |
| * Free Science Lesson videos * Educake online assessments * Seneca Learning * BBC Bitesize * CGP Revision Guide |
| Useful websites I can use: |
| Free Science Lessons: <https://www.youtube.com/c/Freesciencelessons>  BBC Bitesize: <https://www.bbc.co.uk/bitesize/topics/zcckk2p>  Educake: <https://www.educake.co.uk>  Footprints Science: <https://www.footprints-science.co.uk> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| How theories develop over time - <https://www.science.org/news/2020/02/completely-new-culture-doing-research-coronavirus-outbreak-changes-how-scientists>  New proposal for arrangement of periodic table? <https://www.chemistryworld.com/news/new-ordering-of-elements-could-help-find-materials-with-promising-properties/4012751.article>  Environmental impact of mining metals: <https://www.bbc.co.uk/news/science-environment-57234610> |

Year (10C) Spring Revision for (Combined Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on:  Topic 1 – Cell Biology  Topic 2 – Organisation |
| What do I need to revise? |
| Topic 1 – Cell Biology   1. **Transport in cells**  * Osmosis * Required practical 3 * Active transport   Topic 2 – Organisation   1. **Principles of organisation** 2. **Animal tissues, organs and organ systems**  * The human digestive system * Required practical activity 4: use qualitative reagents to test for a range of carbohydrates, lipids and proteins * Required practical activity 5: investigate the effect of pH on the rate of reaction of amylase enzyme * The heart and blood vessels * Blood * Coronary heart disease: a non-communicable disease * Health issues * The effect of lifestyle on some non-communicable diseases * Cancer |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [The heart - The circulatory system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zhnk7ty/revision/4)  [Digestive system - Digestive system - GCSE Biology (Single Science) Revision - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zwqycdm/revision/1)  [Pathogens - Communicable diseases - AQA - GCSE Biology (Single Science) Revision - AQA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zxr7ng8/revision/1) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [40 years of UK heart transplants - Heart Matters magazine | BHF](https://www.bhf.org.uk/informationsupport/heart-matters-magazine/medical/40-years-of-uk-heart-transplant)  [Fun Facts About the Digestive System (healthline.com)](https://www.healthline.com/health/fun-facts-about-the-digestive-system) |

Year 10D Spring Revision for Edexcel Combined Science.

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| What assessments will I have in the Spring Term? |
| Biology   * Cells and control * Genetics * Natural selection and genetic modification   Chemistry   * Atomic Structure and the periodic table * States of matter and mixtures * Bonding   Physics   * Forces in Motion * Forces in Action * Energy |
| What do I need to revise? |
| * **Biology** * Neurotransmission speeds * Meiosis * DNA & DNA extraction * Alleles * Inheritance * Mutation * Variation * Theory of evolution * Fossils * Classification * **Chemistry**   Atomic Structure and The Periodic Table   * Atomic number and mass number * Isotopes * History of the periodic table * Electron configuration   States of Matter and Mixtures   * States of matter * Pure substances and mixtures * Filtration, crystallisation, distillation, chromatography * Water for drinking   Bonding   * Ionic Bonding * Covalent Bonding * Metallic Bonding * **Physics**   Forces in motion and Forces in Action   * Scalar and Vectors * Distance time equation * Distance time graph – work out speed from the gradient, motions on the graph * Velocity time graphs – motions, work out acceleration from the gradient, work out the distance from the area under the graph * Newton’s First, Second and Third Law * Resultant forces * Core Practical: Effect of mass on acceleration using light gates * Contact and Non-contact Forces * Stopping Distance * Weight, mass and gravity   Energy   * Energy Stores and Transfer * Conservation of Energy * Energy Efficiency |
| How can I revise for Science? |
| Workbook  Past exam questions  Knowledge organisers  Revision guides  Exercise books |
| Useful resources I can use: |
| Educake  Revision guide  Seneca learning  <https://uk.accessit.online/prs08/?serviceId=ExternalEvent&brSn=2325&brKey=857450110> |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/subjects/zng4d2p>  Footprints science website  Seneca Learning  <https://www.revisely.co.uk/gcse/science/edexcel> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * [www.genome.gov/human-genome-project](http://www.genome.gov/human-genome-project) * <https://www.youtube.com/watch?v=TQ_iCf8mzMA> * <http://news.bbc.co.uk/1/hi/uk/5405470.stm> - DNA solves crime. * <https://www.britannica.com/science/DNA-fingerprinting> * BBC documentary of evolution * <https://www.bbc.co.uk/programmes/articles/2L3mmGh5hjbpXXBH1PPbd0y/charles-darwin-evolution-and-natural-selection> * <https://evolutionnews.org/2021/07/cancel-darwin-no-but-do-recognize-how-evolution-boosted-racism-2/> * https://www.natgeokids.com/uk/discover/science/nature/what-is-cop26-glasgow/ |

Year 10E Spring Revision for Science MAN/SDB

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| What assessments will I have in the Spring Term? |
| 3 x assessments  1 x Biology  1 x Chemistry  1 x Physics |
| What do I need to revise? |
| Cumulative assessment on topics studied since September  Biology:   * Key concepts in Biology * Cells and Control * Genetics   Chemistry   * Atomic Structure * States of Matter and separating mixtures * Bonding   Physics   * Forces and motion * Conservation of Energy |
| How can I revise for science |
| * CGP Revision Guide * Relevant videos * BBC Bitesize * Free science lessons * Class notes * Ensure to type GCSE after any topic being researched to ensure the correct level |
| Useful resources I can use: |
| * Classwork * CGP Revision Guide |
| Useful websites I can use: |
| [Home - BBC Bitesize](https://www.bbc.co.uk/bitesize)  [freesciencelessons | The very best in science education](https://www.freesciencelessons.co.uk/)  <https://www.educake.co.uk> |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * [www.genome.gov/human-genome-project](http://www.genome.gov/human-genome-project) * <https://www.youtube.com/watch?v=TQ_iCf8mzMA> * <http://news.bbc.co.uk/1/hi/uk/5405470.stm> - DNA solves crime. * <https://www.britannica.com/science/DNA-fingerprinting> * BBC documentary of evolution * <https://www.bbc.co.uk/programmes/articles/2L3mmGh5hjbpXXBH1PPbd0y/charles-darwin-evolution-and-natural-selection> * [What Are Alloys? How Are They Made? | Eagle Alloys Corporation](https://www.eaglealloys.com/what-are-alloys-how-are-they-made/) |

Year (Year 10A&B) Spring Revision for (Chemistry).

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| What assessments will I have in the Spring Term? |
| End of Autumn 2 Assessment on:   * Bonding (Ionic, metallic, covalent) * Nano particles |
| What do I need to revise? |
| Ionic Bonding:   * Ionic bonding * Properties of ionic compounds * Use of ionic models   Covalent Bonding:   * Simple covalent compounds * Giant covalent compounds (Diamond, graphite) * Graphene and Fullerene * Properties of simple molecules and giant covalent structures * Polymers   Metallic bonding:   * Bonding in metals * Metals as conductors * Properties of metals and alloys   Nano particles and their properties |
| How can I revise for (Chemistry)? |
| Exercise books  Knowledge organisers  End of topic questions  Previous end of topic tests  Complete exam question booklets provided |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake |
| Useful websites I can use: |
| [GCSE Chemistry (Single Science) - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zs6hvcw)  [www.Kerboodle.com](http://www.Kerboodle.com)  [Freesciencelessons - YouTube](https://www.youtube.com/c/Freesciencelessons) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Periodic Table: History (rsc.org)](https://www.rsc.org/periodic-table/history) |

Year (Year 11A) Spring Revision for (Chemistry).

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| What assessments will I have in the Spring Term? |
| End of Spring 1 Assessment on:   * Paper 1 Chemistry (mock) * Paper 2 Chemistry (Chemical Analysis, Chemistry of the Atmosphere, Using Materials) |
| What do I need to revise? |
| Chemical Analysis:   * Pure Substances * Formulations * Chromatography * Identification of common gasses * Identification of ions by spectroscopic means   Chemistry of the Atmosphere:   * Gasses in the atmosphere * The early atmosphere * How oxygen increased * How carbon dioxide decreased * Greenhouse gasses * Global climate change * Carbon footprint * Atmospheric pollutants   Using Materials:   * Corrosion and its prevention * Alloys as useful materials * Ceramics, composites and polymers * The Haber Process * Uses and production of NPK fertiliser |
| How can I revise for (Chemistry)? |
| Paper two booklets  Knowledge organisers  End of topic exam style questions (on MT)  Learning outcomes  Previous end of topic tests  Complete exam question booklets provided |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake  Youtube |
| Useful websites I can use: |
| [GCSE Chemistry (Single Science) - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zs6hvcw)  [www.Kerboodle.com](http://www.Kerboodle.com)  [Freesciencelessons - YouTube](https://www.youtube.com/c/Freesciencelessons) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |

Year (Year 11B) Spring Revision for (Chemistry).

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| What assessments will I have in the Spring Term? |
| End of Spring 1 Assessment on:   * Paper 1 (Mock exam) * Paper 1 & 2 required practicals * Chemistry of the atmosphere |
| What do I need to revise? |
| Required Practicals:   * Working scientifically * Required practical for paper 1 and 2   Chemistry of the Atmosphere:   * Gasses in the atmosphere * The early atmosphere * How oxygen increased * How carbon dioxide decreased * Greenhouse gasses * Global climate change * Carbon footprint * Atmospheric pollutants |
| How can I revise for (Chemistry)? |
| Paper two booklets  Knowledge organisers  End of topic exam style questions (on MT)  Learning outcomes  Previous end of topic tests  Complete exam question booklets provided |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake  Youtube – Required practical videos |
| Useful websites I can use: |
| [GCSE Chemistry (Single Science) - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zs6hvcw)  [www.Kerboodle.com](http://www.Kerboodle.com)  [Freesciencelessons - YouTube](https://www.youtube.com/c/Freesciencelessons) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [The Royal Society of Chemistry (rsc.org)](https://www.rsc.org/) |

Year (Year 11C) Spring Revision for (Chemistry).

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| What assessments will I have in the Spring Term? |
| End of Spring 1 Assessment on:   * Paper 1 (mock exam) * Rates of Reactions * Reversible Reactions and Equilibrium |
| What do I need to revise? |
| Rates of Reaction:   * Collision theory * Activation energy * Factors affecting rates of reactions including: Temperature, pressure, concentration, surface area and presence of a catalyst * Required practical   Reversible Reactions and Equilibrium:   * Reversible reactions * Equilibrium and dynamic equilibrium * Le Chatelier’s Principle * How concentration effects the position of equilibrium * How temperature effects the position of equilibrium * How pressure effects the position of equilibrium * How surface area effects the position of equilibrium * How presence of a catalyst effects the position of equilibrium |
| How can I revise for (Chemistry)? |
| Exercise Books/folders  Paper two booklets  Knowledge organisers  End of topic exam style questions (on MT)  Learning outcomes  Previous end of topic tests  Complete exam question booklets provided on MT |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake  Youtube |
| Useful websites I can use: |
| [GCSE Chemistry (Single Science) - BBC Bitesize](https://www.bbc.co.uk/bitesize/subjects/zs6hvcw)  [www.Kerboodle.com](http://www.Kerboodle.com)  [Freesciencelessons - YouTube](https://www.youtube.com/c/Freesciencelessons) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [The Royal Society of Chemistry (rsc.org)](https://www.rsc.org/) |

Year (11) Spring Revision for Physics 8463/8464).

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| What assessments will I have in the Spring Term? |
| Spring 1 test Class test based on Waves and Electromagnetism  Spring 2 test Class test based on Waves, Electromagnetism and Space  8463 Units 4.7, 4.7 and 4.8  8464 Waves and Electromagnetism only (units 6.6 and 6.7) |
| What do I need to revise? |
| AQA content form the relevant syllabus.  See revision notes on Teams |
| How can I revise for (Physics)? |
| Revision is a personal preference. I would always incorporate past paper questions at the correct level.  Work daily, at least five minutes a day. |
| Useful resources I can use: |
| BBC Bitesize  Kerboodle  Educake  NinjaPhysics.com  DocBrown  FreeScienceLessons.com |
| Useful websites I can use: |
| As above  An internet search using AQA Physics (single science or combined science) will throw up a huge number of relevant sites. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Always read around the topics studied. |

Year 11 Spring Revision for Science MAN

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| What assessments will I have in the Spring Term? |
| 3  1 x Biology  1 x Chemistry  1 x Physics |
| What do I need to revise? |
| Cumulative assessment on topics studied since September  Biology:   * Key Concepts * Cells and Control * Genetics * Natural Selection * Health and Disease   Chemistry   * Atomic Structure * Periodic table * Bonding * Calculations * States of Matter * Acids and Alkali * Electrolysis   Physics   * Forces * Energy * Waves * EM spectrum * Radioactivity |
| How can I revise for science |
| * CGP Revision Guide * Relevant videos * BBC Bitesize * Free science lessons * Class notes * Ensure to type GCSE after any topic being researched to ensure the correct level |
| Useful resources I can use: |
| * Classwork * CGP Revision Guide * Educake * Videos * PPT previously uploaded onto teams |
| Useful websites I can use: |
| [Home - BBC Bitesize](https://www.bbc.co.uk/bitesize)  [freesciencelessons | The very best in science education](https://www.freesciencelessons.co.uk/)  [Educake - formative assessment made easy | Educake - Online Formative Assessment for Homework and Classwork](https://www.educake.co.uk/) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Electronic circuit simulator - ScienceDemos.org.uk](https://sciencedemos.org.uk/electronics.php)  [BBC iPlayer - Dynasties](https://www.bbc.co.uk/iplayer/episodes/p06mvmmr/dynasties)  [WHO | World Health Organization](https://www.who.int/) |

Year (11A) Spring Revision for (Separate Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on: Topic 6: - Inheritance, variation, and evolution |
| What do I need to revise? |
| Topic 6 – Inheritance, variation, and evolution   1. Reproduction  * Sexual and asexual reproduction * Meiosis * Advantages and disadvantages of sexual and asexual reproduction * DNA and the genome * DNA structure * Genetic inheritance * Inherited disorders * Sex determination  1. Variation and evolution  * Variation * Evolution * Selective breeding * Genetic engineering * Cloning (biology only)  1. The development of understanding of genetics and evolution  * Theory of evolution (biology only) * Speciation (biology only) * The understanding of genetics (biology only) * Evidence for evolution * Fossils * Extinction * Resistant bacteria * Classification of living organisms |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions * Revision mats |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [Mutation and variation - Inheritance - OCR Gateway - GCSE Combined Science Revision - OCR Gateway - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zshqcj6/revision/3)  [GCSE Science Revision Biology "Sexual and Asexual Reproduction" - YouTube](https://www.youtube.com/watch?v=Fh9b6a-3DLQ&list=PL9IouNCPbCxWt28Bifo2jK9xn-ym956sf) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [cloning dolly the sheep (animalresearch.info)](https://www.animalresearch.info/en/medical-advances/medical-discovery-timeline/cloning-dolly-the-sheep/)  [11 Facts about Genetic Engineering and Why It's Important (interestingengineering.com)](https://interestingengineering.com/happy-dna-day-11-facts-about-genetic-engineering-and-why-its-important)  [Genetic Disorders (genome.gov)](https://www.genome.gov/For-Patients-and-Families/Genetic-Disorders) |

Year (11B) Spring Revision for (Combined Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on: Topic 6: - Inheritance, variation, and evolution |
| What do I need to revise? |
| Topic 6 – Inheritance, variation, and evolution   1. Reproduction  * Sexual and asexual reproduction * Meiosis * DNA and the genome * Genetic inheritance * Inherited disorders * Sex determination  1. Variation and evolution  * Variation * Evolution * Selective breeding * Genetic engineering  1. The development of understanding of genetics and evolution  * Evidence for evolution * Fossils * Extinction * Resistant bacteria  1. Classification of living organisms |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions * Revision mats |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [Mutation and variation - Inheritance - OCR Gateway - GCSE Combined Science Revision - OCR Gateway - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zshqcj6/revision/3)  [GCSE Science Revision Biology "Sexual and Asexual Reproduction" - YouTube](https://www.youtube.com/watch?v=Fh9b6a-3DLQ&list=PL9IouNCPbCxWt28Bifo2jK9xn-ym956sf) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [11 Facts about Genetic Engineering and Why It's Important (interestingengineering.com)](https://interestingengineering.com/happy-dna-day-11-facts-about-genetic-engineering-and-why-its-important)  [Genetic Disorders (genome.gov)](https://www.genome.gov/For-Patients-and-Families/Genetic-Disorders) |

Year (11C) Spring Revision for (Combined Science Biology)

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| What assessments will I have in the Spring Term? |
| End of term assessment on: Topic 6: - Inheritance, variation, and evolution |
| What do I need to revise? |
| Topic 6 – Inheritance, variation, and evolution   1. Reproduction  * Sexual and asexual reproduction * Meiosis * DNA and the genome * Genetic inheritance * Inherited disorders * Sex determination  1. Variation and evolution  * Variation * Evolution * Selective breeding * Genetic engineering  1. The development of understanding of genetics and evolution  * Evidence for evolution * Fossils * Extinction * Resistant bacteria  1. Classification of living organisms |
| How can I revise for (Biology)? |
| * Class notes/lab book * Learning outcomes * End of topic questions * Extended response questions/exam style questions * Revision mats |
| Useful resources I can use: |
| Educake  Kerboodle  Revision cards |
| Useful websites I can use: |
| [Mutation and variation - Inheritance - OCR Gateway - GCSE Combined Science Revision - OCR Gateway - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zshqcj6/revision/3)  [GCSE Science Revision Biology "Sexual and Asexual Reproduction" - YouTube](https://www.youtube.com/watch?v=Fh9b6a-3DLQ&list=PL9IouNCPbCxWt28Bifo2jK9xn-ym956sf) |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [11 Facts about Genetic Engineering and Why It's Important (interestingengineering.com)](https://interestingengineering.com/happy-dna-day-11-facts-about-genetic-engineering-and-why-its-important)  [Genetic Disorders (genome.gov)](https://www.genome.gov/For-Patients-and-Families/Genetic-Disorders) |

Year 11D Spring Revision for AQA Combined Science.

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| What assessments will I have in the Spring Term? |
| Biology   * Inheritance, variation, and evolution * Ecology   Chemistry   * Organic Chemistry * Chemical analysis * Chemistry of the atmosphere   Physics   * Forces * Waves * Electromagnetism |
| What do I need to revise? |
| Biology   * Variation * Selective Breeding * Genetic Engineering * Evolution * Evidence for Evolution * Fossils * Extinction * Resistant Bacteria * Deforestation * Global warming   Chemistry   * Carbon compounds * Purity and chromatography * Identifying common gases * Evolution of earths atmosphere   Physics   * Newton’s Laws * Forces and Braking * Waves in air, fluids and solids * Electromagnetic waves * Magnetism and electromagnetism * Motor effect |
| How can I revise for Science? |
| Workbook  Past exam questions  Knowledge organisers  Revision guides  Exercise books  Week by week revision timetable |
| Useful resources I can use: |
| Educake  Revision guide  Seneca learning  Exam questions booklets |
| Useful websites I can use: |
| <https://www.bbc.co.uk/bitesize/subjects/zng4d2p>  Footprints science website  Seneca Learning  Educake |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| * [www.genome.gov/human-genome-project](http://www.genome.gov/human-genome-project) * <https://www.youtube.com/watch?v=TQ_iCf8mzMA> * <http://news.bbc.co.uk/1/hi/uk/5405470.stm> - DNA solves crime. * <https://www.britannica.com/science/DNA-fingerprinting> * Show episode of CSI to show real life work of forensics * Watch David Attenborough to enhance knowledge on deforestation and global warming * Increase awareness of the effect of human activity on the environment, the emission of greenhouse gases and the consequences of global warming. * Islamic Perspective – Looking after God’s earth, it is an Amaanah from him. * Appreciate the responsibility of humans to look after the Earth. * Look at current individuals/groups effecting change – Greta Thunberg/ Extinction Rebellion * <https://www.bbc.co.uk/news/world-europe-58145465> * Risks and consequences of exposure to radiation – mutations of genes and cancer. * Chernobyl disaster and effects of radiation - <https://www.emergency-live.com/stories/chernobyl-35-years-later-what-remains-of-that-tragic-experience/> * Electromagnetic hypersensitivity - <https://whyy.org/segments/science-vs-science-the-contradictory-fight-over-whether-electromagnetic-hypersensitivity-is-real/> |

Year 11E Spring Revision for Edexcel Biology.

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| What assessments will I have in the Spring Term? |
| Mock Paper 1 |
| What do I need to revise? |
| Topic 1 – Key concepts in biology   * Microscopes * Plant and animal cells * Specialised cells * Inside bacteria * Enzymes and nutrition * Enzyme and action * Enzyme activity * Transporting substances – osmosis, active transport, diffusion * Core practical: osmosis in potatoes * Core Practical: using microscope   Topic 2 – Cells and control   * Mitosis * Growth in animals * Growth in plants * Stem cells * The nervous system * Neurotransmitter speeds   Topic 3 – Genetics   * Meiosis * DNA * DNA extraction * Inheritance * Gene mutation * Variation   Topic 4 – Natural selection and genetic modification   * Evidence of human evolution * Darwin’s theory * Classification * Breeds and varieties * Genes in agriculture and medicine   Topic 5 – Health, disease and development of medicines   * Health and disease * Non communicable disease * Cardiovascular disease * Pathogens * Spreading pathogens * Physical and chemical barriers * The immune system * Antibiotics |
| How can I revise for Biology? |
| Use your booklets  Work through exam question booklets  Study the mark scheme  Practice retrieval questions on Educake |
| Useful resources I can use: |
| Knowledge organisers  Exam booklets  Retrieval Booklets  Core practical Booklet |
| Useful websites I can use: |
| Seneca Learning  BBC Bitesize Edexcel 9-1  Educake  Free science lessons YouTube |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Exam Preparation: Ten Study Tips | Top Universities](https://www.topuniversities.com/student-info/health-and-support/exam-preparation-ten-study-tips#:~:text=Exam%20Preparation%3A%20Ten%20Study%20Tips%201%20Give%20yourself,your%20brain%20to%20work%20at%20its%20best.%20)  <https://youtu.be/8MmF6uB80ZM> - mindfulness before an exam |

Year 11E Spring Revision for Chemistry

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| What assessments will I have in the Spring Term? |
| Mock Paper 1 |
| What do I need to revise? |
| Topic 1 – Key concepts in chemistry   * Structure of the atom * Atomic and mass number * Isotopes * Elements and the periodic table * Electronic config and the periodic table * Ionic bonds * Ionic lattices * Covalent bonds * Molecular compounds * Allotropes of carbon * Properties of metals * Bonding models   Topic 2 – States of Matter and mixtures   * States of matter * Mixture * Filtration and crystallisation * Chromatography * Distillation * Drinking water * Core Practical: investigating inks   Topic 3 – Chemical changes   * Acids, alkalis, indicators * Bases and salts * Alkalis and balancing equations * Alkalis and neutralisation - titration * Reaction of acids with metals and carbonates * Solubility * Core practical: making copper sulphate * Core practical – investigating neutralisation   Topic 4 – Extracting metals and equilibria   * Electrolysis * Products of electrolysis * Reactivity * Ores * Oxidation and reduction * Life cycle assessment * Dynamic equilibrium * Core practical: electrolysis of copper sulphate |
| How can I revise for Chemistry? |
| Use your booklets  Work through exam question booklets  Study the mark scheme  Practice retrieval questions on Educake |
| Useful resources I can use: |
| Knowledge organisers  Exam booklets  Retrieval Booklets  Core practical Booklet |
| Useful websites I can use: |
| Seneca Learning  BBC Bitesize Edexcel 9-1  Educake  Free science lessons YouTube |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Exam Preparation: Ten Study Tips | Top Universities](https://www.topuniversities.com/student-info/health-and-support/exam-preparation-ten-study-tips#:~:text=Exam%20Preparation%3A%20Ten%20Study%20Tips%201%20Give%20yourself,your%20brain%20to%20work%20at%20its%20best.%20)  <https://youtu.be/8MmF6uB80ZM> - mindfulness before an exam |

Year 11E Spring Revision for Edexcel Physics

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| What assessments will I have in the Spring Term? |
| Mock Paper 1 |
| What do I need to revise? |
| Topic 1 – Key concepts of physics  Topic 2 – Forces and Motion   * Scalar and vector * Equation for speed * Distance time graph – motion and calculating speed from the gradient * Equation for acceleration * Velocity time graph – motion, calculating the acceleration from the gradient and distance from the area under the curve   Forces and Action   * Contact and non-contact forces * Resultant forces * Newton’s First law * Mass and weight * Newton’s second law * Core prac – investigating acceleration * Newton’s third law * Stopping distances * Crash hazards   Topic 3 – Conservation of energy   * Energy stores and transfers * Energy efficiency * Keeping warm * Stored energies * Non-renewable energy resources * Renewable energy resources   Topic 4 – Waves   * Describing waves- longitudinal and transverse and labels * Wave speed and equation * Refraction   Topic 5 – Light and the electromagnetic spectrum   * Electromagnetic waves * Refraction * The EM spectrum * Using long wavelengths * Using short wavelengths * EM radiation dangers   Topic 6 – Radioactivity   * Atomic models – plum pudding, JJ Thompson, Bohr * Inside atoms * Electrons and orbits, isotopes * Background radiation * Types of radiation, alpha, beta and gamma and properties * Radioactive decay – alpha and beta equations * Half life |
| How can I revise for Physics? |
| Use your booklets  Work through exam question booklets  Study the mark scheme  Practice retrieval questions on Educake |
| Useful resources I can use: |
| Knowledge organisers  Exam booklets  Retrieval Booklets  Core practical Booklet |
| Useful websites I can use: |
| Seneca Learning  BBC Bitesize Edexcel 9-1  Educake  Free science lessons YouTube |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| [Exam Preparation: Ten Study Tips | Top Universities](https://www.topuniversities.com/student-info/health-and-support/exam-preparation-ten-study-tips#:~:text=Exam%20Preparation%3A%20Ten%20Study%20Tips%201%20Give%20yourself,your%20brain%20to%20work%20at%20its%20best.%20)  <https://youtu.be/8MmF6uB80ZM> - mindfulness before an exam |

Year 10 Spring Revision for Arabic

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| What assessments will I have in the Spring Term? |
| Additionally, all exercises from the 4 skill sets will be marked.  Pupils will be assessed on an oral presentation about their hobbies and pastime activities. |
| What do I need to revise? |
| Lifestyle-daily sustenance.  Healthy food choices  Exercise  Ailments and sicknesses. |
| How can I revise for Arabic? |
| Information Unavailable |
| Useful resources I can use: |
| Information Unavailable |
| Useful websites I can use: |
| Information Unavailable |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Information Unavailable |

Year 11 Spring Revision for Arabic

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| What assessments will I have in the Spring Term? |
| Internally assessed exams in all 3 skill sets.  Mock exams. |
| What do I need to revise? |
| My School  My Daily Routine at School  Job Applications and Careers. |
| How can I revise for Arabic? |
| Information Unavailable |
| Useful resources I can use: |
| Information Unavailable |
| Useful websites I can use: |
| Information Unavailable |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| Information Unavailable |

Year 10 Spring Revision for French.

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| What assessments will I have in the Spring Term? |
| Current and future study choices.  Jobs you or others may choose in the future. |
| What do I need to revise? |
| School subjects and reasons for your choice  Future tense of linked verbs: continuer, étudier, faire.  Vocabulary on jobs and linked verbs: je voudrais être, je serai, je travaillerai. |
| How can I revise for French? |
| Test yourself often on tenses; create mnemonics to recall endings.  Revisit vocabulary regularly; little and often. |
| Useful resources I can use: |
| Booklets on topics.  Verb tables. |
| Useful websites I can use: |
| Word Reference. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| French films, e.g. Les Choristes, La Gloire de mon Père. |

Year 11 Spring Revision for French

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| What assessments will I have in the Spring Term? |
| Post-16 education: identify subject choices and reasons why.  Healthy and unhealthy living: recognise good and bad habits. |
| What do I need to revise? |
| School subjects and future tense: je continuerai, je ferai, j’étudierai.  Reasons for choosing a school subject.  Vocabulary linked to good habits: faire du sport, manger équilibré, bien dormir, se détendrer.  Vocabulary linked to bad habits: fumer, se droguer, boire de l’alcool, manger des sucreries / du fast-food, se coucher tard, jouer avec son portable. |
| How can I revise for French? |
| Test yourself often on tenses.  Revisit vocabulary regularly; little and often.  Continue to create mnemonics for both vocabulary and verb endings. |
| Useful resources I can use: |
| Booklets on topics.  Verb tables. |
| Useful websites I can use: |
| Word Reference. |
| Enrichment Experiences which will help to develop and broaden my knowledge and skills further (including reading): |
| French films, e.g. Les Choristes, La Gloire de mon Père. |