

DUKE'S SECONDARY SCHOOL

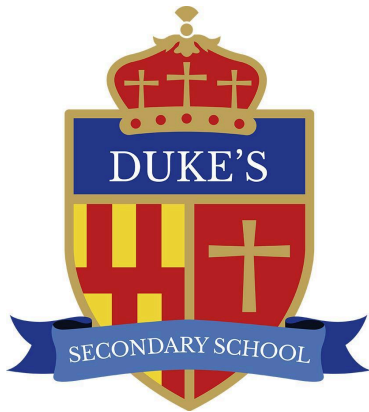


Year 11

Revision Guide



2024
LET YOUR
LIGHT
SHINE



Duke's Secondary School

Josephine Butler Campus, Academy Road
Ashington, Northumberland NE63 9FZ
Telephone: 01670 844320 admin.dss@dukes.ncea.org.uk

Principal: Mr R Atkinson

Dear Students and Parents/Carers,

You are about to embark on a journey through revision and examinations which may seem daunting. You might be worried about where to start this journey and how to successfully navigate your way to exam success, but we are here to help. This guide will offer you a 12 week plan to equip you for your revision; it contains a range of resources including videos, QR codes and links to past papers and revision materials. Access to the materials in this guide is only the first step, how you use them will enable you to make great strides towards your destination.

So what's the secret of successful revision? The answer is different for everyone and you need to find out what works best for you. But these three key points are essential for everyone to consider when revising:

Time Management

Be realistic, stick to it, plan time for breaks and relaxation. At the back of this guide is a paper copy of a weekly plan for when you are in school and one for the holidays. You can fill them in to help you plan your time wisely.

Repetition

The best way to transfer knowledge to your long-term memory is to revisit and repeat revision (experts say six times at least).

Motivation

Stay positive, your brain can only learn when you're relaxed and happy, so keep motivated. More on revision strategies and techniques can be found using the QR codes at the back of this booklet (also available on Firefly).

Lastly, you are not on this journey alone. Your teachers are here to support you; e-mail or visit your teacher if you have any questions about your revision. Also, your friends and classmates are revising too, support each other and work together to make this journey easier. The most difficult part of any journey is the first step.

Good Luck Year 11.

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English

W/B	Topics	Revisit work	Suggested Activities
28 th January	English Language Paper 1 Section A English Literature Paper 1 Section A	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of Macbeth 	<ul style="list-style-type: none"> (English Language) Complete practice paper 1 Section A (resources on Google Classroom) Listen to / read / watch Macbeth to revisit plot. Try a practice question - (resources on Google Classroom)
4 th February	English Language Paper 1 Section B English Literature Paper 1 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of Jekyll and Hyde 	<ul style="list-style-type: none"> (English Language) Complete practice paper 1 Section B (resources on Google Classroom) Listen to an audiobook / read / watch a summary video of Jekyll and Hyde. Try a practice question - (resources on Google Classroom)
11 th February	English Language Paper 2 Section A English Literature Paper 2 Section A	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of An Inspector Calls 	<ul style="list-style-type: none"> (English Language) Complete practice paper Section A (resources on Google Classroom) Listen to / read / watch An Inspector Calls to revisit plot. Try a practice question -(resources on Google Classroom)
25 th February	English Language Paper 2 Section B English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit power and conflict poems (focus on 5 out of the 15) 	<ul style="list-style-type: none"> (English Language) Complete practice paper 2 Section B (resources on Google Classroom) Read / watch a summary video of 5 poems from the collection. Try a practice question -(resources on Google Classroom)
4 th March	English Language Paper 1 Section A English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit power and conflict poems (focus on 5 out of the 15) 	<ul style="list-style-type: none"> (English Language) Complete practice paper 1 Section A (resources on Google Classroom) Read / watch a summary video of 5 poems from the collection. Try a practice question -(resources on Google Classroom)
11 th March	English Language Paper 1 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, 	<ul style="list-style-type: none"> (English Language) Complete practice paper 1 Section B (resources on Google Classroom)

	English Literature Paper 2 Section B	<p>what to include in an answer etc.</p> <ul style="list-style-type: none"> Revisit power and conflict poems (focus on another 5 out of the 15) 	<ul style="list-style-type: none"> Read / watch a summary video of 5 poems from the collection. Try a practice question -(resources on Google Classroom)
18 th March	English Language Paper 2 Section A English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit power and conflict poems (focus on the remaining 5 out of the 15) 	<ul style="list-style-type: none"> (English Language) Complete practice paper 2 Section A (resources on Google Classroom) Read / watch a summary video of 5 poems from the collection. Try a practice question - (resources on Google Classroom)
25 th March	English Language Paper 2 Section B English Literature Paper 2 Section C	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit Unseen poetry 	<ul style="list-style-type: none"> (English Language) Complete practice paper 2 Section B (resources on Google Classroom) Read / watch revision about unseen poetry - try a practice question- resources on Google Classroom

Additional Information:

The resources for each of these tasks are available in your English Google Classroom- if you have any difficulty accessing them you MUST see your English teacher.

You can also access YouTube revision materials, we recommend Mr Bruff and Mr Salles. Both have videos on AQA English Language papers 1 and 2 as well as all of the AQA Literature texts (Macbeth, Jekyll and Hyde, An Inspector Calls, Power and Conflict poetry, unseen poetry)

W/B	Topics	Revisit work	Suggested Activities
Easter holidays	English Language Paper 1 Section A English Literature Paper 1 Section A	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of Macbeth 	<ul style="list-style-type: none"> English Language Complete practice paper 1 Section A (resources on Google Classroom) Listen to / read / watch Macbeth to revisit plot. Try a practice question - (resources on Google Classroom)
8 th April	English Language Paper 1 Section B English Literature Paper 1 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of Jekyll and Hyde 	<ul style="list-style-type: none"> English Language Complete practice paper 1 Section B (resources on Google Classroom) Listen to an audiobook / read / watch a summary video of Jekyll and Hyde. Try a practice question - (resources on Google Classroom)
15 th April	English Language Paper 2 Section A English Literature Paper 2 Section A	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit plot and characters of An Inspector Calls 	<ul style="list-style-type: none"> English Language Complete practice paper Section A (resources on Google Classroom) Listen to / read / watch An Inspector Calls to revisit plot. Try a practice question -(resources on Google Classroom)
22 nd April	English Language Paper 2 Section B English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit power and conflict poems 	<ul style="list-style-type: none"> English Language Complete practice paper 2 Section B (resources on Google Classroom) Read / watch a summary video of your choice of poems from the collection. Try a practice question -(resources on Google Classroom)
29 th April	English Language Paper 1 Section A English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit power and conflict poems 	<ul style="list-style-type: none"> English Language Complete practice paper 1 Section A (resources on Google Classroom) Read / watch a summary video of your choice of poems from the collection. Try a practice question -(resources on Google Classroom)
6 th May	English Language Paper 1 Section B English Literature Paper 2 Section B	<ul style="list-style-type: none"> Remind yourself of the key points for answering questions- how to structure an answer, what to include in an answer etc. Revisit Unseen poetry 	<ul style="list-style-type: none"> English Language Complete practice paper 1 Section B (resources on Google Classroom) Read / watch revision about unseen poetry - try a practice question- resources on Google Classroom

Examination Dates:

English Literature Component 1 – 13th May

English Language Component 1 – 23rd May

English Literature Component 2 – 20th May

English Language Component 2 – 6th June

Maths (Foundation)

M a t h s F o u n d a t i o n	W/B	Topics	Page No.	Suggested Support
	5 th Feb	Types of Number and BODMAS Wordy Real-Life Problems Multiplying and Dividing Negative Numbers Prime Numbers	3 to 9	Types of Number and BODMAS Types of number BODMAS Multiplying and Dividing - link Negative Numbers - link Prime Numbers - link
	12 th Feb	Multiples, Factors and Prime Factors LCM and HCF Fractions Fractions, Decimals and Percentages	10 to 18	Multiples, Factors and Prime Factors - link LCM and HCF - link Fractions: Fraction equivalents Adding and subtracting Multiplying and dividing Fraction change Fractions, Decimals and Percentages - link
	19 th Feb	Rounding Estimating and Error Powers and Roots Standard Form Algebra Simplifying	19 to 28	Rounding - link Estimating and Error - link Powers and Roots - link Standard Form Writing and converting Calculating with standard form Algebra Simplifying – link
	26 th Feb	Algebra Multiplying and Brackets Factorising Solving Equations Expressions, Formulas and Functions	29 to 32	Algebra Multiplying and Brackets – link Factorising Single bracket A quadratic Solving Equations Solving equations 1 Solving equations 2 Expressions, Formulas and Functions - link
	4 th Mar	Equations from Words and Diagrams Rearranging Formulas Sequences Inequalities	33 to 38	Rearranging Formulas - link Sequences - link Inequalities - link
	11 th Mar	Quadratic Equations Simultaneous Equations Proof Coordinates and Midpoints Straight Line Graphs	39 to 48	Quadratic Equations - link Simultaneous Equations - link Coordinates and Midpoints Straight Line Graphs Straight line graphs 1 Straight line graphs 2

W/B	Topics	Page No.	Suggested Support
18 th Mar	Quadratic and Harder Graphs Solving Equations Using Graphs Distance – Time Graphs Real – Life Graphs Ratios	49 to 59	Quadratic and Harder Graphs - link Solving Equations Using Graphs - link Distance – Time Graphs - link Ratio Ratio 1 Ratio 2
25 th Mar	Direct Proportion Problems Inverse Proportion Problems Percentages Compound Growth and Decay Unit Conversions	60 to 69	Direct Proportion Problems - link Inverse Proportion Problems - link Percentages Percentages Percentage increase and decrease Repeated percentage change
1 st Apr	Time Intervals Speed Density and Pressure Properties of 2D Shapes Congruent and Similar Shapes	70 to 79	Speed - link Density and Pressure - link Properties of 2D Shapes - link Congruent and Similar Shapes – link
8 th Apr	The Four Transformations Perimeter and Area Perimeter and Area – Circles 3D Shapes Projections	80 to 96	The Four Transformations Reflection Rotation and enlargement Translate and vectors Perimeter and Area - link Circles Perimeter and area Parts of circles 3D Shapes - link
15 th Apr	Five Angle Rules Parallel Lines Angles in Polygons Triangle Construction Loci and Construction	97 to 105	Five Angle Rules - link Parallel Lines - link Angles in Polygons - link Triangle Construction - link Loci and Construction Loci Construction

	22 nd Apr	Bearings Maps and Scale Drawings Pythagoras' Theorem Trigonometry Vectors	106 to 113	Bearings - link Maps and Scale Drawings - link Pythagoras' Theorem Pythagoras' theorem 1 Pythagoras' theorem 2 Trigonometry Trigonometry 1 Trigonometry 2 Trigonometry 3 Vectors Vectors 1 Vectors 2
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W/B	Topics	Page No.	Suggested Support
29 th Apr	Probability Basics More Probability The AND/OR Rules Tree Diagrams Sets and Venn Diagrams	114 to 119	Probability Basics - link More Probability - link Tree Diagrams - link Sets and Venn Diagrams - link
6 th May	Sampling and Data Collection Mean, Median, Mode and Range Simple Charts and Graphs Pie Charts Scatter Graphs Grouped Frequency Tables	120 to 131	Sampling and Data Collection - link Mean, Median, Mode and Range - link Simple Charts and Graphs - link Pie Charts - link Scatter Graphs - link Grouped Frequency Tables - link
<p>16th May Paper 1 Non-calculator</p>			
<p>3rd June Paper 2 Calculator</p>			
<p>10th June Paper 3 Calculator</p>			

Maths (Higher - A Bands Sets)

W/B	Topics	Page No.	Suggested Support
5 th Feb	Types of Number and BODMAS Multiples, Factors and Prime Factors LCM and HCF Fractions Fractions and Recurring Decimals	3 to 8	Types of Number – link BODMAS - link Multiples, Factors and Prime Factors - link LCM and HCF - link Fractions: Fraction equivalents Adding and subtracting Multiplying and dividing Fraction change Fractions, decimals and percentages Fractions and Recurring Decimals - link
12 th Feb	Rounding Numbers and Estimating Bounds Standard Form Algebra Basics Powers and Roots Multiply Out Brackets	9 to 16	Rounding Numbers and Estimating - link Bounds - link Standard Form Writing and converting Calculating with standard form Algebra Basics/Multiplying Out Brackets Simplifying Multiplying and brackets Binomial expansion Powers and Roots Types of numbers and rules of indices Negative and fractional indices
19 th Feb	Factorising Manipulating Surds Solving Equations Formulas Factorising Quadratics The Quadratic Formula Completing the Square	17 to 25	Factorising Single bracket Factorise and solve a quadratic a=1 Factorise and solve a quadratic a>1 Manipulating Surds Simplifying surds Adding surds Multiplying surds Dividing and rationalising surds Solving Equations Solving equations 1 Solving equations 2 Formulas Substitute and rearrange formulae Factorising Quadratics

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Examination Dates:

Maths – 16th May
Maths – 3rd June
Maths – 10th June

26 th Feb	Algebraic Fractions Sequences Inequalities Graphical Inequalities Iterative Methods Simultaneous Equations	26 to 35	Algebraic Fractions - link Sequences - link Quadratic sequences Inequalities - link Graphical Inequalities - link Iterative Methods - link Simultaneous Equations Linear One linear one quadratic
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W/B	Topics	Page No.	Suggested Support
4 th Mar	Proof Functions Straight Line Graphs Harder Graphs Solving Equations Using Graphs Graph Transformations	36 to 46	Proof - link Functions - link Straight Line Graphs - link Parallel lines Perpendicular lines Harder Graphs Cubic and reciprocal graphs Gradients/Area of curves Solving Equations Using Graphs - link Graph Transformations - link
11 th Mar	Real-Life Graphs Distance-Time Graphs Velocity-Time Graphs Gradients of Curves Ratios Direct and Inverse Proportion	47 to 55	Real-Life Graphs - link Distance-Time Graphs Velocity-Time Graphs Gradients of Curves - link Ratios Ratio 1 Ratio 2 Direct and Inverse Proportion - link
18 th Mar	Percentages Compound Growth and Decay Speed Density Pressure Geometry	56 to 65	Percentages - link Increase and Decrease Repeated Percentage Change Compound Growth and Decay Speed - link Density - link Pressure - link Geometry
25 th Mar	Polygons Circle Geometry Congruent Shapes Similar Shapes The Four Transformations Perimeter and Area	66 to 76	Polygons - link Circle Geometry Congruent Shapes - link Similar Shapes - link The Four Transformations Rotation and enlargement Reflection Translate and vectors

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			Enlargement and similarity Perimeter and Area - link
1 st Apr	3D Shapes – Surface Area and Volume More Enlargements Projections Loci and Construction Bearings	77 to 84	3D Shapes – Surface Area and Volume Cylinders Volume and surface area 1 Volume and surface area 2 More Enlargements - link Projections Loci and Construction - link Bearings - link

W/B	Topics	Page No.	Suggested Support
8 th Apr	Pythagoras' Theorem Trigonometry The Sine and Cosine Rules 3D Pythagoras and Trigonometry Vectors	85 to 91	Pythagoras' Theorem Pythagoras' theorem 1 Pythagoras' theorem 2 Trigonometry Trigonometry 1 Trigonometry 2 Trigonometry 3 The Sine and Cosine Rules Advanced trigonometry 1 Advanced trigonometry 2 Advanced trigonometry 3 3D Pythagoras and Trigonometry - link Vectors Vectors 1 Vectors 2 Higher vectors 1 Higher vectors 2
15 th Apr	Probability Basics Counting Outcomes Probability Experiments The AND/OR Rules Tree Diagrams Conditional Probability	92 to 98	Probability Basics - link Counting Outcomes Probability Experiments - link The AND/OR Rules Tree Diagrams - link Conditional Probability - link
22 nd Apr	Sets and Venn Diagrams Sampling and Collecting Data Mean, Median, Mode and Range Grouped Frequency Tables	99 to 103	Sets and Venn Diagrams - link Sampling and Collecting Data - link Mean, Median, Mode and Range - link Grouped Frequency Tables - link
29 th Apr	Box Plots Cumulative Frequency Histograms and Frequency Density Time Series and Scatter Graphs	104 to 109	Box Plots - link Cumulative Frequency - link Histograms and Frequency Density - link Time Series and Scatter Graphs - link
16 th May Paper 1 Non-calculator			
3 rd June Paper 2 Calculator			
10 th June Paper 3 Calculator			

Biology

W/B	Topics	Revisit work	Suggested Activities
5 th February	B1 - You and your Genes	<ul style="list-style-type: none"> • Cells and Genetic Material • Cells and Microscopes • Genomes and Characteristics • DNA • Protein Synthesis • Mutations and Genetic Variants 	<ul style="list-style-type: none"> • Refer to revision guide Pages 2-6 • Biology video links • Make revision lists and mind maps of content • Use exam question banks on Google Classroom • Seneca revision • Review questions on page 12 of revision guide • Draw and label cells from memory – then check them. • Higher only: Know the process of protein synthesis and describe how mutations can lead to genetic variants
12 th February	B1 - You and your Genes	<ul style="list-style-type: none"> • Genetic Diagrams • Mendel • Genome Research and Testing • Genetic Engineering 	<ul style="list-style-type: none"> • Refer to revision guide Pages 7-11 • Biology video links • Make revision lists and mind maps of content • Use exam question banks on Google Classroom • Seneca revision • Review questions on page 12 of revision guide
19 th February	B2 - Keeping Healthy	<ul style="list-style-type: none"> • Health and the Spread of Disease • Defending Against Pathogens • The Human Immune System • Reducing & Preventing Spread of Disease • Vaccinations • Detecting Diseases • Culturing Microorganisms • Monoclonal Antibodies 	<ul style="list-style-type: none"> • Refer to revision guide Pages 13-23 • Biology video links • Make revision lists and mind maps of content • Use of exam question banks on google classroom • Seneca revision • Review questions on page 31 of revision guide • List non-specific and specific defence responses. • Draw the vaccination graph from memory. • Higher only: List the steps in monoclonal antibody production.
26 th February	B2 - Keeping Healthy	<ul style="list-style-type: none"> • Non-Communicable Diseases • Interpreting Data on Disease • Investigating Pulse Rate • Treating Disease • Treating Cardiovascular Disease • Developing New Medicines 	<ul style="list-style-type: none"> • Refer to revision guide Pages 24-30 • Biology video links • Make revision lists and mind maps of content • Use exam question banks on Google Classroom • Seneca revision • Review questions on page 31 of revision guide
4 th March	B3 - Food and Ecosystems	<ul style="list-style-type: none"> • Enzymes • Photosynthesis and Stomata • Investigating the Rate of Photosynthesis • Limiting Factors of Photosynthesis • Diffusion, Osmosis and Active Transport • Transport in Plants and Prokaryotes • Investigating Diffusion and Osmosis • Xylem and Phloem 	<ul style="list-style-type: none"> • Refer to revision guide Pages 32-41 • Biology video links • Make revision lists and mind maps of content • Use exam question banks on Google Classroom • Seneca revision • Review questions on page 56 of revision guide • Compare cell transport in cells in a table.
11 th March	B3 - Food and Ecosystems	<ul style="list-style-type: none"> • Transpiration Rate and Potometers • Ecosystems & Interactions Between Organisms • Investigating Ecosystems • Investigating Factors Affecting Distribution • Food Chains, Webs and Pyramids • Biomass Transfer • Making and Breaking Biological Molecules • Testing for Biological Molecules • Cycles in Ecosystems • Decomposition 	<ul style="list-style-type: none"> • Refer to revision guide Pages 42-55 • Biology video links • Make revision lists and mind maps of content • Use exam question banks on Google Classroom • Seneca revision • Review questions on page 56 of revision guide • Draw a table of all the food tests and their positive and negative results • Draw the carbon cycle and water cycle from memory, check for anything missing.

Additional Information:

Only use the specification, revision guide, knowledge organisers and past exam questions to memorise information as these are the exact wording you will need for the examinations.

W/B	Topics	Revisit work	Suggested Activities
18 th March	B4 - Using Food and Controlling Growth	<ul style="list-style-type: none"> ● Respiration ● The Cell Cycle and Mitosis ● Microscopy ● Sexual Reproduction and Meiosis ● Stem Cells ● Plant Growth 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 57-65 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google classroom ● Seneca revision ● Review questions on page 66 of revision guide
25 th March	B5 - The Human Body	<ul style="list-style-type: none"> ● Exchange of Materials ● Human Exchange Surfaces ● The Circulatory System ● Blood Vessels and Blood ● Blood ● The Nervous System ● The Brain 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 67-73 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google Classroom ● Seneca revision ● Draw a flowchart for the circulatory system. ● Review questions on page 85 of revision guide
1 st April	B5 - The Human Body	<ul style="list-style-type: none"> ● Hormones and Negative Feedback ● Hormones in Reproduction ● Hormones for Fertility and Contraception ● Homeostasis ● Controlling Water Content ● Controlling Blood Sugar Level ● The Eye ● Correcting Vision Defects 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 74-84 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google Classroom ● Seneca revision ● Review questions on page 85 of revision guide ● Label a diagram of the digestive system including as much information as possible. ● Draw and label a diagram of the eye.
8 th April	B6 - Life on Earth	<ul style="list-style-type: none"> ● Natural Selection and Evolution ● Evidence for Evolution ● Selective Breeding ● Darwin and Wallace ● Asexual and Sexual Reproduction 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 86-90 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google Classroom ● Seneca revision ● Review questions on page 97 of revision guide
15 th April	B6 - Life on Earth	<ul style="list-style-type: none"> ● Classification ● Biodiversity ● Biodiversity and The Distribution of Organisms ● Maintaining Biodiversity ● Human Food Security 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 91-96 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google Classroom ● Seneca revision ● Review questions on page 97 of revision guide
22 nd April	B7 / B8 - Practical Skills and Consolidation	<ul style="list-style-type: none"> ● The Scientific Method ● Designing Investigations ● Collecting Data ● Processing and Presenting Data ● Units and Equations ● Uncertainties and Evaluations ● Drawing Conclusions ● New Technologies and Risk ● Communication and Issues Created by Science ● Safety, Ethics and Sampling 	<ul style="list-style-type: none"> ● Refer to revision guide Pages 98-109 and 111-114 ● Biology video links ● Make revision lists and mind maps of content ● Use exam question banks on Google Classroom ● Seneca revision ● Review questions on page 110 of revision guide ● Know how to calculate the different types of average ● Write out and practice how to do percentage change ● Make sure you are confident in converting units

Examination Dates:

Biology Breadth Paper - 10th May (morning exam)

Biology Depth Paper - 7th June (afternoon exam)

Chemistry

	W/B	Topics	Revisit work	Suggested Activities
Chemistry	5 th February	<ul style="list-style-type: none"> Atoms, ions and isotopes The periodic table 	<ul style="list-style-type: none"> Review history and models of the atom Size and mass of atoms Development of the periodic table Metals and non-metals Group 0 Group 1 Group 7 	<ul style="list-style-type: none"> Revision pages 17 to 19 and 21 to 26 Access BBC bitesize C2 – Chemical Patterns [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of the page]
	12 th February	<ul style="list-style-type: none"> Ionic bonding The scientific method 	<ul style="list-style-type: none"> Ionic bonding Properties of ionic compounds Review atomic structure and how to draw electronic structures Review of the scientific method (same as biology and physics) 	<ul style="list-style-type: none"> Revision pages 20, 27 to 28 and 94 to 95 Access BBC bitesize C2 – Chemical Patterns [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of the page]
	19 th February	<ul style="list-style-type: none"> Materials Covalent bonding Designing investigations 	<ul style="list-style-type: none"> Polymers, addition and condensation Carbon structures: diamond, graphite, graphene, fullerenes Ceramics, composites and alloys Designing investigations (same as biology and physics) 	<ul style="list-style-type: none"> Revision pages 37, 46 to 52 and 96 to 97 Access BBC bitesize C4 – material Properties [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of the page]
	26 th February	<ul style="list-style-type: none"> Corrosion Lifecycle assessment Nanoparticles Data use in science 	<ul style="list-style-type: none"> Corrosion of iron Recycling Life cycle assessments Nanoparticles and their uses Using data in science (same as biology and physics) 	<ul style="list-style-type: none"> Revision pages 53 to 56 and 98 to 100 Access BBC bitesize C4 – material Properties [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of the page]
	4 th March	<ul style="list-style-type: none"> Acids, alkalis and pH Rates of reaction 	<ul style="list-style-type: none"> Strong and weak acids pH Reactions of acids Making salts Factors affecting rates Measuring rates Rates from graphs Practical techniques 	<ul style="list-style-type: none"> Revision pages 77 to 88 and 107 to 109 Access BBC bitesize C6 – making useful chemicals [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of the page]
	11 th March	<ul style="list-style-type: none"> Dynamic equilibrium Atom economy Industrial processes 	<ul style="list-style-type: none"> Reversible reactions Changing the position of equilibrium Sustainability The Haber Process Fertilisers 	<ul style="list-style-type: none"> Revision pages 85 to 92. Access BBC bitesize C6 – making useful chemicals [Link at the bottom of the page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Refer to revision guide



BBC bitesize



Past paper repository

Make use of the wide variety of resources you already have to help with your revision. Remember, they are designed with exam questions in mind!

W/B	Topics	Revisit work	Suggested Activities
18 th March	<ul style="list-style-type: none"> States of matter Potable water 	<ul style="list-style-type: none"> States of matter Changing state Chemical formula Chemical equations What is potable water and how is it made? 	<ul style="list-style-type: none"> Revision pages 2 to 5 and 14 Access BBC bitesize C1 – Air and water [Link at the bottom of previous page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of previous page]
25 th March	<ul style="list-style-type: none"> Energy changes Atmosphere 	<ul style="list-style-type: none"> Exothermic and endothermic reactions Reaction profiles Energy changes Chemical cells and fuels cells Evolution of the atmosphere Pollution Gases and tests to identify them 	<ul style="list-style-type: none"> Revision pages 9 to 13 Access BBC bitesize C1 – Air and water [Link at the bottom of previous page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school <p>Access past paper repository [Link at bottom of previous page]</p>
1 st April	<ul style="list-style-type: none"> Metals 	<ul style="list-style-type: none"> Metallic bonding Reactions of metals Extraction of metals 	<ul style="list-style-type: none"> Revision pages 30 to 36 Access BBC bitesize C3 – Chemical of the natural environment [Link at the bottom of previous page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school <p>Access past paper repository [Link at bottom of previous page]</p>
8 th April	<ul style="list-style-type: none"> Organic chemistry 	<ul style="list-style-type: none"> Covalent bonding Homologous series Crude oil Alkenes, alcohols and carboxylic acids 	<ul style="list-style-type: none"> Revision pages 37 to 44 Access BBC bitesize C3 – Chemical of the natural environment [Link at the bottom of previous page] Refer to revision checklist 8 Access Seneca learning Try chemistry revision in SC6 on a Monday after school Access past paper repository [Link at bottom of previous page]
15 th April	<ul style="list-style-type: none"> Chemical analysis 	<ul style="list-style-type: none"> Purity Chromatography Anions and cations 	<ul style="list-style-type: none"> Revision pages 59 to 65 Access BBC bitesize C3 – Chemical analysis [Link at the bottom of previous page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Refer to revision guide
22 nd April	<ul style="list-style-type: none"> Calculations in chemistry 	<ul style="list-style-type: none"> Relative mass Moles Solutions Gas volumes Avogadro Titration 	<ul style="list-style-type: none"> Revision pages 66 to 74 Access BBC bitesize C3 – Chemical analysis [Link at the bottom of previous page] Access Seneca learning Try chemistry revision in SC6 on a Monday after school Refer to revision guide

Exam Dates:

Chemistry 1 - 17 May (AM) Breadth in Chemistry

Chemistry 2 - 11 June (AM) Depth in Chemistry

Physics

W/B	Topics	Revisit work	Suggested Activities
5 th February	P2 Energy	<ul style="list-style-type: none"> Energy Stores and Energy transfers Conservation of Energy and Power Efficiency and Sankey Diagrams Energy Resources Trends in Energy Use National Grid 	<ul style="list-style-type: none"> Refer to revision guide Pages 20-27 Physics video links Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision Review questions on page 27 of revision guide
12 th February	P1 Radiation and Waves	<ul style="list-style-type: none"> Waves and experiments Reflection and Refraction and their experiments The Electromagnetic Spectrum Energy Levels and Ionisation Uses of EM Radiation 	<ul style="list-style-type: none"> Refer to revision guide Pages 1-8 Physics video links Review Reflection and Refraction practicals (page 4 of revision guide also Science focus software on school website) Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
19 th February	P1 Radiation and Waves	<ul style="list-style-type: none"> Absorbing and Emitting Radiation The Greenhouse Effect Further Reflection, Refraction and Prisms Lenses and Ray diagrams 	<ul style="list-style-type: none"> Refer to revision guide Pages 9-19 Physics video links Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision Review questions on page 19 of revision guide
26 th February	P3 Electric Circuits	<ul style="list-style-type: none"> Static Electricity Circuits- The basics Resistance I-V characteristics and circuit devices Energy and Power in circuits Series and Parallel circuits 	<ul style="list-style-type: none"> Refer to revision guide Pages 28-35 Physics video links Review resistance I-V characteristics practical (page 30-31 of revision guide also Science focus software on school website) Review Series and Parallel circuits practicals (page 36 of revision guide also Science focus software on school website) Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
4 th March	P3 Electric Circuits	<ul style="list-style-type: none"> Electromagnetism (permanent and induced magnets) <p>Higher tier only:</p> <ul style="list-style-type: none"> The motor effect and electric motors 	<ul style="list-style-type: none"> Refer to revision guide Pages 37-41 Physics video links Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
11 th March	P3 Electric Circuits	<p>Higher tier only:</p> <ul style="list-style-type: none"> Loudspeakers and microphones Electromagnetic Induction and Generators Transformers <p>Foundation students to practise rearranging equations from P3</p>	<ul style="list-style-type: none"> Refer to revision guide Pages 42-45 Physics video links Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision 23 equations APP Review questions on page 45 of revision guide

W/B	Topics	Revisit work	Suggested Activities
18 th March	P4 Explaining Motion	<ul style="list-style-type: none"> Newton's third law Mass and weight Scalars and vectors Calculating speed Acceleration Investigating motion Motion graphs Free body diagrams and scale drawings 	<ul style="list-style-type: none"> Refer to revision guide Pages 46-55 Review Investigating motion practical on Page 51 Physics video links 23 equations APP Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
25 th March	P4 Explaining Motion	<ul style="list-style-type: none"> Newton's first law and circular motion Newton's second law Moments, levers and gears <p>Higher Only</p> <ul style="list-style-type: none"> Momentum Conservation of momentum 	<ul style="list-style-type: none"> Refer to revision guide Pages 56-61 Physics video links 23 equations APP Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
1 st April	P4 Explaining Motion	<ul style="list-style-type: none"> Reaction times Stopping distances Work done and Energy transfers Kinetic Energy and Gravitational potential energy Energy and Power 	<ul style="list-style-type: none"> Refer to revision guide Pages 62-68 Physics video links 23 equations APP Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision Review questions on page 68 of revision guide
8 th April	P6 Matter	<ul style="list-style-type: none"> Density Particle model Specific heat capacity Specific latent heat Forces and Elasticity/Hooke's law Investigating Hooke's law 	<ul style="list-style-type: none"> Refer to revision guide Pages 77-81, 84-85 Physics video links 23 equations APP Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision
15 th April	P6 Matter	<ul style="list-style-type: none"> Pressure Atmospheric pressure Solar system and its formation Red shift and the big bang <p>Higher only</p> <ul style="list-style-type: none"> Orbits Pressure at depth Pressure in stars 	<ul style="list-style-type: none"> Refer to revision guide Pages 82-83, 86-89 Physics video links 23 equations APP Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision Review questions on page 89 of revision guide
22 nd April	P5 Radioactivity	<ul style="list-style-type: none"> Developing the model of the atom Isotopes and radioactive decay Properties of nuclear radiation Decay equations Activity and Half-life Uses and dangers of radiation Fission and Fusion 	<ul style="list-style-type: none"> Refer to revision guide Pages 69-76 Physics video links Make revision lists and mind maps of content Use exam question bank on Google Classroom Seneca revision Review questions on page 76 of revision guide

Examination Dates: Breadth in Physics 22nd May (am)
Depth in Physics 14th June (pm)

Religious Studies

W/B	Topics	Revisit work	Suggested Activities
28 th January	Christian Beliefs and teachings Paper 1	Key Christian beliefs and teachings; Use the purple textbook pages 8-30 as a starting point, then your notes, revision notes. You need to be confident that you can answer fully about the Nature of God and Jesus and Salvation	Answer the following question without notes: 'If God were loving, there would be no suffering in the world.' Evaluate this statement. In your answer you should: refer to Christian teaching, give developed arguments to support this statement, give developed arguments to support a different point of view, reach a justified conclusion. (12 Marks)
4 th February	Christian Practices Paper 1	Key Christian Practices; Use the Christianity textbook pages 36-64 as a starting point, then your notes, previous revision notes and any revision material on Google Classroom. You must be confident to answer about all Christian Worship and Festivals and the role of the church in the local community	Answer the following question in 15 minutes: 'The best way for Christians to reach an understanding of God is by practising prayer.' Evaluate this statement. In your answer you should: refer to Christian teaching, give developed arguments to support this statement, give developed arguments to support a different point of view, reach a justified conclusion. (12 Marks)
11 th February	Jewish beliefs and teachings Paper 1	Key beliefs and teachings in Judaism Use the Judaism textbook pages 8-28 as a starting point, then the materials on Google Classroom. You must be confident to answer about each of the topic in this chapter using quotes.	Answer the following questions in 10 minutes without notes: Explain two ways in which a belief in life after death influences Jews today. (4 Marks) Explain two Jewish teachings about the Messiah. Refer to scripture or sacred writings in your answer. (5 Marks)
25 th February	Jewish Practices Paper 1	Key practices in Judaism Use the Judaism textbook pages 32-52 as a starting point, then your notes and materials on Google Classroom. You must be confident to answer about Worship, Duties and festivals using quotes/key terms.	Answer the following questions in 10 minutes. Include quotes and a key terms. Explain two contrasting Jewish beliefs about the Mitzvot. (4 Marks) Explain two ways in which Bar Mitzvah is important to Jews. Refer to Jewish teaching in your answer. (5 Marks)
4 th March	Relationships and families Paper 2	Use the Christianity textbook pages 68-84 as your starting point revise all of the areas associated with sex, marriage and divorce as well as those to do with families and gender equality	Without notes, attempt the following question (Allowing yourself about 15 minutes altogether). 'Divorce is never right.' Evaluate this statement. In your answer you should give reasoned arguments in support of this statement, give reasoned arguments to support a different point of view, refer to religious arguments. You may refer to non-religious arguments, you should reach a justified conclusion. [12 marks]
11 th March	Religion and Life Paper 2	Use the purple textbook pages 86-104 as your starting point revise all of the areas associated with the origins and value of the universe and the origins and value of human life .	Go through the text book again. Make a list of the statements that could be used in a 12 mark question. For example 'Is euthanasia the best option for people with no family?' or 'Death is not the end'. Try and come up with 12 statements. For each make a list of the arguments for and against. Include a quote for each set of arguments.

W/B	Topics	Revisit work	Suggested Activities						
18 th March	Religion, peace and conflict Paper 2	Using pages 124 – 140 of the Christianity textbook as a starting point, revisit all of your work on this topic. Think about causes of war, types of war, just wars and how to end war. Make sure you are confident about Religion and 21 st century conflict.	'War is never right.' Evaluate this statement. In your answer you should give reasoned arguments in support of this statement, give reasoned arguments to support a different point of view, refer to religious arguments. You may refer to non-religious arguments and reach a justified conclusion [12 marks]						
8 th April	Religion, crime and punishment Paper 2	Use Christianity textbook pages 142-158. You will be expected to know about religious attitudes to crime and punishment including the causes of crime, types of punishment	Give two examples of religious moral laws which some criminals break. [2 marks] Explain two contrasting beliefs in contemporary British society about the death penalty for murder. In your answer you should refer to the main religious tradition of Great Britain and one or more other religious traditions. [4 marks]						
15 th April	Christianity Key terms and quotes Paper 1	Beliefs and teachings 35 Key Terms, 21 Key quotes Practices 31 Key terms, 21 Key quotes You must use key terms in your answers as well as quotes. Accuracy is important. There is no substitute for learning these.	Make a table that outlines the application of key quotes Beliefs and teachings <table border="1"> <thead> <tr> <th>Topic</th> <th>Quote</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Beliefs about the nature of God</td> <td>'I am the LORD your God, who brought you out of Egypt, out of the land of slavery. You shall have no other gods before me'</td> <td>Exodus 20:2-3 The 10 Commandments</td> </tr> </tbody> </table> Do the same for Practices	Topic	Quote	Reference	Beliefs about the nature of God	'I am the LORD your God, who brought you out of Egypt, out of the land of slavery. You shall have no other gods before me'	Exodus 20:2-3 The 10 Commandments
Topic	Quote	Reference							
Beliefs about the nature of God	'I am the LORD your God, who brought you out of Egypt, out of the land of slavery. You shall have no other gods before me'	Exodus 20:2-3 The 10 Commandments							
22 nd April	Judaism Key terms and quotes Paper 1	Beliefs and teachings 40 Key Terms, 23 key quotes Practices 28 Key terms, 13 key quotes. It is essential that you learn these terms and quotes carefully and that you spell accurately.	Make two tables that outline the application of the quotes Judaism: Beliefs and teachings and a separate one for Practices <table border="1"> <thead> <tr> <th>Topic</th> <th>Quote</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>The relationship between G-d and the Jews</td> <td>Hear, O Israel: The LORD our God, the LORD is one.</td> <td>Deut: 6: 4-7</td> </tr> </tbody> </table>	Topic	Quote	Reference	The relationship between G-d and the Jews	Hear, O Israel: The LORD our God, the LORD is one.	Deut: 6: 4-7
Topic	Quote	Reference							
The relationship between G-d and the Jews	Hear, O Israel: The LORD our God, the LORD is one.	Deut: 6: 4-7							
29 th April	Relationships and families & Religion and Life Paper 2	Relationships and families 29 Key terms, 23 Key quotes Religion and life 24 Key terms, 23 Key quotes It is really important that you learn the textbook definitions, even for familiar words such as 'family'	Once again, design a table for each of the topics. They will be really useful for last minute revision <table border="1"> <thead> <tr> <th>Topic</th> <th>Quote</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Contraception</td> <td>'The Conference agrees that other methods may be used, provided that it is done in the light of other principles'</td> <td>Lambeth Conference 1930</td> </tr> </tbody> </table>	Topic	Quote	Reference	Contraception	'The Conference agrees that other methods may be used, provided that it is done in the light of other principles'	Lambeth Conference 1930
Topic	Quote	Reference							
Contraception	'The Conference agrees that other methods may be used, provided that it is done in the light of other principles'	Lambeth Conference 1930							
6 th May	Religion, peace and conflict and Religion, crime and punishment. Paper 2	Religion, peace and conflict 20 Key terms, 13 Key quotes Religion, crime and punishment 18 Key terms, 13 Key quotes In all sections, it is perfectly acceptable for the longer quotes to be paraphrased.	Religion, peace and conflict <table border="1"> <thead> <tr> <th>Topic</th> <th>Quote</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Retaliation as a reason for war</td> <td>'Do not repay anyone evil for evil...If it is possible, as far as it depends on you, live at</td> <td>Romans 12:17-19</td> </tr> </tbody> </table>	Topic	Quote	Reference	Retaliation as a reason for war	'Do not repay anyone evil for evil...If it is possible, as far as it depends on you, live at	Romans 12:17-19
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Examination Dates:

RE 1 – 9th May

RE 2 – 16th May

French

W/B	Topics	Revisit work	Suggested Activities
28 th January	Theme 1 Unit 1 and 2	Unit 1 - Relationships - family, friends and marriage Unit 2 - Technology in everyday life Grammar - Present Tense	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 1 - Unit 1 Revision BBC Bitesize - Part 1 Theme 1 - Unit 1 Revision BBC Bitesize - Part 2 Theme 1 - Unit 2 Revision BBC Bitesize Grammar - Learn regular endings er, ir, re verbs Learn the "je" form of irregular verbs Present Tense BBC Bitesize
4 th February	Theme 1 Unit 3 and 4	Unit 3 - Freetime Activities Unit 4 - Culture and Festivals Grammar - Present Tense	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 1 - Unit 3 Revision Part 1 Theme 1 - Unit 3 Revision Part 2 Grammar - Learn regular endings er, ir, re verbs Learn the "je" form of irregular verbs Present Tense BBC Bitesize
11 th February	Theme 1 Unit 3 and 4	Unit 3 - Freetime Activities Unit 4 - Culture and Festivals Grammar - Nouns and Articles	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 1 - Unit 3 Revision Part 3 Theme 1 - Unit 4 Grammar - Work through each section and complete the exercises. If there is anything put it on a flashcard - you are identifying what you DON'T know. Nouns and Articles BBC Bitesize

25 th February	Theme 3 Unit 9 and 10	Unit 9 - Studies and school in France Unit 10 - Life at School Grammar - Past Tense (First 3 sections)	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 3 - Unit 9 BBC Bitesize Theme 3 - Unit 10 BBC Bitesize Grammar - Work through each section and complete the exercises. If there is anything put it on a flashcard - you are identifying what you DON'T know. Do half this week and half next week. Past Tense BBC Bitesize
4 th March	Theme 3 Unit 11 and 12	Unit 11 - Education Post 16 Unit 12 - Career Choices Grammar - Past Tense (Foundation Section 4 and 5 only)	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 3 - Unit 11 BBC Bitesize Part 1 Theme 3 - Unit 11 BBC Bitesize Part 2 Theme 3 - Unit 12 BBC Bitesize Grammar - Work through each section and complete the exercises. If there is anything put it on a flashcard - you are identifying what you DON'T know. Pick up where you finished last week. Past Tense BBC Bitesize
11th March	Theme 2 Unit 8	Unit 8 - Holidays and Travel Grammar - Future Tense	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. Theme 2 - Unit 8 BBC Bitesize Part 1 Theme 2 - Unit 8 BBC Bitesize Part 2

W/B	Topics	Revisit work	Suggested Activities
18 th March	Theme 2 Unit 5	Unit 5 - Home, town and neighbourhood Grammar - Conditional Tense	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. <u>Theme 2 - Unit 5 - Part 1</u> <u>Theme 2 - Unit 5 - Part 2</u> <u>Theme 2 - Unit 5 - Part 3</u> Grammar - Work through each section and complete the exercises. If there is anything put it on a flashcard - you are identifying what you DON'T know. Pick up where you finished last week. <u>Conditional Tense - BBC Bitesize</u>
8 th April	Theme 2 Unit 6 and 7	Unit 6 - Charity and Voluntary Work Healthy and Unhealthy Living Unit 7 - Environment Poverty and Homelessness Grammar - Imperfect Tense	FIRST - Identify unknown vocabulary on each of the sentence builders - highlight and write out French and English. Create flashcards (paper or online) of this vocab and self quiz. You could draw pictures for the words you don't know and use the pictures to support your learning. <u>Theme 2 - Unit 6</u> <u>Theme 2 - Unit 7 Part 1</u> <u>Theme 2 - Unit 7 Part 2</u> Grammar - Work through each section and complete the exercises. If there is anything put it on a flashcard - you are identifying what you DON'T know. Pick up where you finished last week. <u>Imperfect Tense - BBC Bitesize</u>
<p>Past papers and markschemes are available in ML2</p> <p>Electronic Past Papers which are self marking are available on google classroom and <u>here</u></p> <p>Photocards are available on Google Classroom and <u>here</u></p> <p>Roleplays are available on google classroom and <u>here</u></p> <p>Speaking questions are available on google classroom and <u>here</u></p> <p>Writing questions are available on google classroom and <u>here</u></p>			
15 th April	Past Papers for Speaking	Complete 1 Reading Paper in timed conditions Complete 1 Listening Paper in timed conditions	Read each question VERY carefully What is the question asking you? NEVER leave a multiple choice question blank! If you are doing online listening it is easier if you can listen on one device and answer the questions on your chromebook - it saves changing tabs.
22 nd April	Reading Listening Writing	Complete 1 Reading Paper in timed conditions Complete 1 Listening Paper in timed conditions	Read each question VERY carefully What is the question asking you NEVER leave a multiple choice question blank! If you are doing an online listening it is easier if you can listen on one device and answer the questions on your chromebook - it saves changing tabs.
29 th April		Complete 3 Photocards and 3 Roleplays Revisé Speaking questions for all 3 themes - REALLY focus on chosen theme	12 minutes ONLY to prepare both of them! Look at the speaking questions - look at the question , can you answer them without looking at your cards? That's what you are aiming for.

6 th May	Complete 1 Reading Paper in timed conditions Complete 1 Listening Paper in timed conditions	Read each question VERY carefully What is the question asking you? NEVER leave a multiple choice question blank! If you are doing online listening it is easier if you can listen on one device and answer the questions on your chromebook - it saves changing tabs.
14 th May	Complete at least 1 FULL writing paper	Choose your question carefully where you have a choice Tick each word as you go in the translation
21 st May	Complete at least 1 FULL writing paper	Choose your question carefully where you have a choice Tick each word as you go in the translation

Examination Dates 2024:

French Speaking w/b - 29th April

French Listening – 14th May

French Reading – 14th May

French Writing – 24th May

Geography

W/B	Topics	Revisit work	Suggested Activities
28 th January	Plate tectonics. Natural hazards pose major risks to people and property. Earthquakes and volcanic eruptions are the result of physical processes. Case Study on Earthquakes The 3Ps	The structure of the Earth Processes at Plate Margins The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth. Chile and Nepal.	Labelled Diagrams for plate movements. Spider diagram for case studies. Example answers for variations of case study questions using different command words.
4 th February	Tropical storms (hurricanes, cyclones, typhoons) develop as a result of particular physical conditions and have significant effects on people and the environment. The UK is affected by a number of weather hazards. Climate change is the result of natural and human factors, and has a range of effects. Managing climate change involves both mitigation (reducing causes) and adaptation (responding to change).	Global atmospheric circulation helps to determine patterns of weather and climate. Typhoon Haiyan case study. Extreme weather events in the UK have impacts on human activity. Mitigation and adaptation to climate change	Diagrams for global atmospheric circulation. Describing climatic zones. Spider diagram for case study List of extreme weather events. List of international agreements and how to reduce climate change.
11 th February	Ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components. Tropical rainforest ecosystems have a range of distinctive characteristics. Deforestation has economic and environmental impacts. Tropical rainforests need to be managed to be sustainable	The Nutrient Cycle Threats to ecosystems Structure of the rainforest and adaptations Case Study on Malaysia Methods of reducing deforestation.	Diagram for Nutrient Cycle Layers of rainforest with annotations for plant and animal adaptations Spider diagram on causes and effects of deforestation in Malaysia (+/-) for economic/ social/ environmental Debate- Conservation vs development
25 th February	Cold environments (polar and tundra) have a range of distinctive characteristics. Development of cold environments creates opportunities and challenges Cold environments are at risk from economic development	Characteristics of cold environments animals and plants Case Study on Svalbard Case study on Alaska	Diagrams/ annotations of adaptations Spider diagram on Svalbard Threats and management for cold environments- flow diagrams Debate- Conservation vs development Opportunity for both?
4 th March	The UK has a range of diverse landscapes. The coast is shaped by a number of physical processes. Distinctive coastal landforms are the result of rock type, structure and physical processes. Different management strategies can be used to protect coastlines from the effects of physical processes	Types of weathering and mass movement Coastal processes Case study on Swanage Hard/ soft engineering/ managed retreat Coastal management at Lyme Regis	Diagrams / flow-diagrams of feature formation Spider diagrams of case studies Snap with key words/ definitions Seneca quizzes for case studies
Additional information REMEMBER- you also have your skills/fieldwork paper	Google Classroom- knowledge organisers, question grids, revision booklet Seneca- GCSE pages and revision quizzes https://senecalearning.com/en-GB/ GCSEPod - podcasts BBC Bitesize - all elements of theory covered (Physical and Human) Coolgeography.com- Detailed breakdown of each section and case studies AQA GCSE Geography- command words and hints and tips for the exam. College of Earth and Environmental Sciences: https://ees.as.uk.edu/educational-materials S-cool- the revision website- http://www.s-cool.co.uk/ecse/geography		

W/B	Topics	Revisit work	Suggested Activities
11 th March	<p>The shape of river valleys changes as rivers flow downstream</p> <p>Distinctive fluvial landforms result from different physical processes</p> <p>Different management strategies can be used to protect river landscapes from the effects of flooding</p> <p>FIELDWORK</p>	<p>Long and Cross profiles of rivers</p> <p>River processes (Erosion/Transportation/Deposition)</p> <p>Managing flood- hard / soft engineering</p> <p>Managing floods at Banbury</p> <p>The River Wansbeck fieldwork</p>	<p>Diagrams / flow-diagrams of river feature formation</p> <p>Spider diagrams</p> <p>Case quizzes on Seneca learning</p> <p>Why and how did we investigate the River Wansbeck?</p>
18 th March	<p>Growing percentage of the world's population lives in urban areas</p> <p>Urban growth creates opportunities and challenges for cities in LICs and NEEs</p>	<p>The global pattern of urban change and factors that affect this in different countries.</p> <p>Opportunities and challenges for cities in LICs and NEEs.</p> <p>A case study on Rio (NEE) to illustrate challenges and understanding.</p> <p>An example of how urban planning is improving the quality of life for the urban poor.</p>	<p>Annotated maps- pull and push factors</p> <p>Spider diagrams for Rio Problems / solutions – health/ water/ education / safety etc</p>
8 th April	<p>Urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges.</p>	<p>The UK leads to a variety of social, economic and environmental opportunities and challenges.</p> <p>Overview of the distribution of population and the major cities in the UK.</p>	<p>Spider diagrams on Bristol</p> <p>Snap for key terms</p> <p>Fact sheet on Bristol</p>
15 th April	<p>Urban sustainability requires management of resources and transport.</p> <p>FIELDWORK- Newcastle quayside</p>	<p>A case study of a major city in the UK to illustrate issues and opportunities / Renewal program and its successes.</p> <p>Features of sustainable urban living.</p> <p>Fieldwork techniques</p>	<p>Fact sheet</p> <p>Spider diagram</p> <p>Key terms</p> <p>How and why did we investigate Newcastle Quayside?</p>
22 nd April	<p>There are global variations in economic development and quality of life</p> <p>Various strategies exist for reducing the global development gap.</p> <p>Some LICs and NEEs are experiencing rapid economic development which leads to significant social, environmental and cultural change</p>	<p>Different ways of classifying parts of the world according to their level of economic development and quality of life.</p> <p>Different economic and social measures of development HDI</p> <p>DTM</p> <p>Causes of uneven development and strategies to reduce this.</p> <p>A case study of how this has been reduced.</p> <p>A case study of one LIC or NEE to illustrate.</p> <p>The balance between different sectors of the economy.</p>	<p>Spider diagrams</p> <p>Fact sheet</p> <p>Key terms</p> <p>Annotated maps</p>
29 th April	<p>Major changes in the economy of the UK have affected, and will continue to affect, employment patterns and regional growth.</p>	<p>Economic futures in the UK:</p> <p>Cause of change and regional divides.</p>	<p>Annotated maps</p> <p>Spider diagrams</p> <p>Fact sheet</p> <p>Key terms</p>
6 th May	<p>Food, water and energy are fundamental to human development</p> <p>The changing demand and provision of resources in the UK of water, food and energy.</p> <p>Demand for energy resources is rising globally but supply can be insecure, which may lead to conflict</p> <p>Different strategies to manage energy supply.</p>	<p>The significance of food, water and energy to economic and social well-being in the UK. An overview of global inequalities in the supply and consumption of resources.</p> <p>Global patterns of food surplus and deficit</p> <p>Reasons for increasing food consumption.</p> <p>Overview of strategies to manage food supply:</p> <p>An example of a local scheme in an LIC or NEE to increase sustainable food supplies.</p> <p>Examples of aeroponics and hydroponics</p> <p>Organic farming</p> <p>Reducing food waste</p>	<p>Annotated maps</p> <p>Key terms / definitions</p> <p>Problems and solutions- spider diagram</p>

Examination Dates 2024:

Geography 1 – 17th May

Geography 2 – 5th June

Geography 3 – 14th June

History

W/B	Topics	Revisit work	Suggested Activities
28 th January	Paper 1 Medicine in Britain 1200-present Topic 1 and 2	<p>Medieval: Causes: (supernatural, religious and rational), Treatments: (supernatural, religious, miasma humoral) Prevention: (miasma and Regimen sanitatis Care: (women vs hospitals) Case study - Black Death.</p> <p>Renaissance: Causes: (Scientific revolution, printing press and Thomas Syndeham) Treatments: (transference, chemical, humoral miasma) Prevention Care: Hospitals and Vesalius Case Study: Great Plague and Harvey)</p>	<p>Create 4 separate timelines (one for ideas about causes, treatments, prevention, care and hospitals) for Medieval and Renaissance. Compare which show change and continuity between the time periods (Use your knowledge organiers to help with this)</p> <ul style="list-style-type: none"> Explain one way in which ideas about the cause of disease were the same between 1250-1700 (4 marks) Explain why there was little change in mediaeval treatments between 1250-1700 (12 marks) (See classroom for each question)
4 th February	Paper 1 Medicine in Britain 1200-present Topic 3 and 4	<p>18th/19th Century Causes (Germ Theory) Treatments (pain relief in surgery) Care in Hospitals (Nightingale) Case study prevention (jenner and vaccinations), Chadwick and public health and Snow and cholera)</p> <p>20th/21st Medicine Causes (genetic and lifestyle factors) Treatments (magic bullets, antibiotics) Prevention (mass vaccinations, role of government campaigns) Care in hospitals (NHS) Case study (lung cancer)</p>	<p>Create a 4 separate timetables (one for ideas about causes, treatments, prevention, care and hospitals) for 18th/19th Century and modern. Compare which show change and continuity between the time periods (Use your knowledge organiers to help with this)</p> <ul style="list-style-type: none"> Pasteur was the most important change in ideas about the causes of disease. How far do you agree (16 marks+4 marks)
11 th February	Paper 1 Medicine in Britain Topic 5	Trench system, Ypres salient, Battles of the Somme, Cambari and Arras, Trench foot, trench fever, gas attacks, Shell shock, chain of evacuation, RAMC, FANY, Thomas Splint, Mobile X rays, blood transfusions, blood bank, brain surgery, plastic surgery	<p>Create a mind map to show the features of the battles and the effects of the changes made to treat soldiers on the battlefield.</p> <p>Create fact files on the different groups on the Nazi hate list, for example, Jews.</p> <p>Describe two features of blood transfusions (4 marks) How useful are these sources for an enquiry on the effects of the chain of evacuation (8 marks)</p>
25 th February	Paper 3: USA - Civil Rights topic 1	Segregation and discrimination, civil rights groups (NAACP, SNCC, CORE), opposition groups (KKK, Dixiecrats, WCC) Emmett Till, Montgomery bus boycotts, Brown Vs Topeka, Little Rock 9	<p>Create spider diagrams to show the different debates (interpretations) about the effects of these events e.g. Positive and negative effects of Brown vs Topeka</p> <ul style="list-style-type: none"> How far do you agree with Interpretation 2 about the effects of Brown Vs Topeka? (20 marks)
4 th March	Paper 3: USA - Civil Rights topic 2	Greensboro sit ins, Freedom riders, James Meredith case, Birmingham, March on Washington, Freedom Summer, March on Selma, role of the Presidents, Malcolm X, Black Power Movement, Black Panthers, Urban Riots, MLK's Northern Campaign, Assassination of MLK, progress by 1975.	<p>Create a fact sheet summarising the key features of each event and the positives and negatives of each one.</p> <p>How useful are these sources for an enquiry into the causes of the Urban Riots? (8 marks) (See classroom for each question)</p>

Additional Information:

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/history-2016.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FSpecification-and-sample-assessments> - Specimen answers and commentaries.

<https://www.bbc.co.uk/bitesize/examspecs/zw4bv4j> - GCSE bitesize. Resources are now exam board specific

W/B	Topics	Revisit work	Suggested Activities
11th March	Paper 3 USA Vietnam topic 3	Cold War, why the French left Vietnam, Geneva Accords, Containment, Domino Theory, Diem and the Buddhists, Strategic Hamlets, winning hearts and minds, threat of the VC, Gulf of Tonkin, US tactics, VC tactics, Tet Offensive, Vietnamisation, Cambodia, US withdrawal	<ul style="list-style-type: none"> • Create a fact sheet summarising the key features of each event and the positives and negatives of each one. • Summarise each key event.
18th March	Paper 3 Vietnam topic 4	Opposition - the draft, student movement, the media. My Lai and Kent State. Support for the war - anti communism, the hard hats, silent majority, Peace talks 1972-73, Paris peace accords. Reasons for US failures and for North Vietnamese success	<ul style="list-style-type: none"> • Create a fact sheet summarising the key features of each event and the positives and negatives of each one. • Summarise each key event.
8th April	Paper 2 Cold War topic 1	Conferences, Satellite States, Telegrams Berlin 1948, NATO and Warsaw Pact, Truman Doctrine, Marshall Plan, Comecon and Cominform, Arms Race, Hungarian Uprising	Create a timeline of the key events of the cold war. Create a table looking at the consequences of each event.
15th April	Paper 2 Cold War topic 2 and 3	Berlin crisis, Berlin Ultimatum, Berlin Wall, Cuban Revolution, Bay of Pigs, Cuban Missile Crisis, Prague Spring, Soviet invasion of Czechoslovakia. Detente, Soviet Invasion of Afghanistan, Olympic boycotts, Reagan and SDI "Star Wars", Gorbachev and the New Thinking, collapse of Communism in Eastern Europe and USSR	Create a mind map of the events for topic 2 specifically the causes and consequences of each flashpoint. Create a timeline to show the events leading to the end of the Cold War
22nd April	Paper 2 Elizabethan England: 1568-1603	Part 1: Government, society, religious settlement, challenges - Catholic and Puritan, Threat of Mary Queen of Scots	Create a flow chart showing the structure of the Government under Elizabeth and annotate each part to explain their role. Make flash cards key features of the Religious settlement and the challenges to the religious settlement.
29th April	Paper 2 Elizabethan England:	Part 2: Northern Earls Revolt, Plots against Elizabeth, Mary Queen of Scots death, Relations with Spain (Drake and pirates, Dutch Revolt, Spanish Armada)	Create mind maps showing the key features and reasons for the Plots and relations with Spain getting worse. Spider diagrams showing the reason for The English victory against the Spanish Armada.
6th May	Paper 2 Elizabethan England:	Part 3: Education, Leisure time, poverty, exploration, colonisation of virginia.	Draw up a table to summarise the challenges taking place in society. Why was there poverty, how did she deal with it, cultural changes and reasons for exploration and colonisation of Virginia.

Examination Dates 2024:

History 1 – 15th May

History 2 – 4th June

History 3 – 11th June

Art, Craft and Design

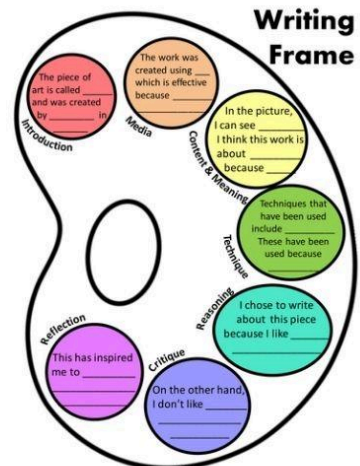


TOP TIPS

ART

1. TAKE 30 PRIMARY IMAGES OF OBJECTS/PEOPLE/ANIMALS RELATING TO YOUR THEME/EXAM QUESTION.
2. DO DIRECT OBSERVATION DRAWINGS OF OBJECTS OR YOUR OWN PHOTOGRAPHS RELATING TO YOUR THEME/EXAM QUESTION.
3. EXPERIMENT USING DIFFERENT ART MATERIALS OR PHOTO EDITING APPS ON COPIES OF YOUR IMAGES
4. PROVIDE AN OPINION ON HOW FORMAL ELEMENTS HAVE BEEN USED IN ALL ARTISTS PAGES AND ALSO YOUR OWN EXPERIMENTAL PIECES
5. PLAN FOR EVERY HOUR IN THE EXAM AND PRACTICE YOUR FINAL PIECE AGAIN AND AGAIN! MAKE SURE THAT YOUR FINAL IDEA LINKS TO YOUR PREPARATION WORK (SKETCHBOOK, BOARDS & EXAM QUESTION)

HOW TO EVALUATE



Performing Arts

W/B	Topics	Revisit work	Suggested Activities
28 th January	C3 Exam	C3 Responding to a brief	Your Component 3 set task Responding to a brief
4 th February	C3 Exam	C3 Responding to a brief	Ideas Log notes 1 Ideas Log notes 2
11 th February	C3 Exam	C3 Responding to a brief	Skills Log notes 1 Skills Log notes 2
25 th February	C3 Exam	C3 Responding to a brief	Preparing and performing notes 1 Preparing and performing notes 2
4 th March	C3 Exam	C3 Responding to a brief	Workshop performance debrief notes
11 th March	C3 Exam	C3 Responding to a brief	Acting Evaluation notes 1 Acting Evaluation notes 2

Additional Information:

8th March - Ideas Log

15th March - Skills Log

19th March - Performance workshop

27th March - Evaluation Log

Hospitality and Catering

W/B	Topics	Revisit work	Suggested Activities
28 th January	Chapter 1 pgs. 2-15 Food, Nutrition & Health Macronutrients	Protein Fats & Oils Carbohydrates	Make Mind Map or Flash Cards or Revision Notes Include for each of the Macronutrients - Function – Sources – DRV's – Deficiency & Excess in a diet Protein. What is it (HBV/LBV, Essential AA's, DRV's for life stage). Review - <i>Fish Pie, Milk Investigation, Cheese, NEA 1 – Eggs</i> , Review all notes that include fats and oil . Types (saturated & unsaturated) Cholesterol, Hydrogenation, Visible & Invisible, Animal & Vegetable, Trans fats & hydrogenation, Triglyceride, Essential Fatty Acids, Monounsaturated, Polyunsaturated, Essential Fatty Acids. Review <i>Lemon Tart, Butter & Cream, Cooking methods</i> Carbohydrates – Sugars, starches, fibre
4 th February	Chapter 1 pgs. 22-36 Food, Nutrition & Health Micronutrients	Vitamins Minerals Water	Function in the Body – Sources – Deficiency – Excess – DRV's for life stages Fat soluble vitamins ADEK Water Soluble Vitamins – Make your own infographic for each one B1 – Thiamine, B2 – Riboflavin, B9 – Folic Acid, B12 – Cobalamin, Vitamin C Learn about antioxidants – Review Free radicals ACE (vitamins A, C, E) Cooking methods, losing nutrition in cooking.
11 th February	Chapter 2 pgs. 38-77 Nutritional Needs & Health	Making informed choices about a varied and balanced diet Energy needs How to carry out a nutritional analysis	This is linked to NEA 2 and all the practice ones (Indian, Moroccan, and Mediterranean). When you have used the “explore food” programme you should have been able to understand the nutritional needs as you chose your gender and age group. Review the Eatwell guide and understand the colours, quantities and all the information which is in the new Eatwell Guide. As this was new in 2016, they could ask for differences in old and new. E.g. removal of the sugar/sweet/ice-cream as you do not NEED them in your diet.
25 th February	Chapter 3 pgs. 78-104 Cooking of food and heat transfer	Why food is cooked and how heat is transferred to food. Selecting appropriate cooking methods	This is knowledge based on all your practical skills, as well as science links to Conduction, Convection and Radiation – use the online book to draw diagrams of the different methods and practice labelling the advantages and disadvantages. Protein is denatured by heat (boiled egg) Vitamins are lost in cooking water. Some methods use extra fat – considered unhealthy. Eg McDonalds deep frying apple pie
4 th March	Chapter 4 pgs. 104-157 Functional & Chemical Properties of Food	Proteins Carbohydrates Fats & Oils Raising Agents	Review all your information on macro nutrients, raising-agents and pastry from the research you did at the end of yr10 on raising agents. Review your research with a study buddy asking each other questions.
11 th March	Chapter 5 pgs. 158-185 Food Spoilage & Contaminations	Micro-organisms & enzymes The signs of food spoilage Micro-organisms in food production	Key word research Use the online book to review – fridge/freezer and storage temperature requirement to reduce bacteria growth. GCSEPOD Assignment set Task – Write 5 multiple choice questions to share with the class Q1 Microorganisms, Q2 Enzymes Q3 Food spoilage Q4 Food production Q5 Bacteria

Additional Information:

<http://www.illuminate.digital/aqafood/>

www.illuminate.digital/aqafood/ Login SARCHBISHOP3 Password: STUDENT3

W/B	Topics	Revisit work	Suggested Activities
18 th March	Chapter 6 pgs. 186-201 Principles of food safety	Buying and storing food Preparing, cooking & serving food	Task - Draw and label fridge & freezer with food storage rules Task – Work through the task on firefly about the risk from fishing trawler to plate Task – Write a HACCP (Hazard Analysis and Critical Control Point) risk assessment for buying your ingredients for NEA2 – Aim to (pretend) to buy from butcher, farm shop as well as supermarket. Include bringing the food home from car to house as well as home to school.
8 th April	Chapter 7 pgs. 202-236 Factors affecting food choice	Factors that influence food choice Food choices Food labelling and marketing influences	Make a list of the specific dietary requirements for the different religious groups. Link to GCSEPod RE-ISLAM – Living the Islamic Life HINDUISM – Diet complete the assignments. PE – Factors affecting health
15 th April	Chapter 8 pgs. 237-246 British & International Cuisines	Traditional Cuisines	This has been explored through your research for NEA 2 – Review all your research and recipes trialled. You must link to Year 8 work on staple food as well as understand food provenance.
22 nd April	Chapter 9 pgs. 247-254 Sensory Evaluation	Sensory Evaluations	You should be able to explain about using the senses in a dish or meal. Using the NEA 2 work to understand how to consider the sensory evaluations e.g. taste, texture, appearance, aroma to identify missing components in a dish. E.g. Is it all brown in colour? It is all sloppy with no crunch. All your trialled recipes must be evaluated in this way.
29 th April	Chapter 10 pgs. 255-273 Environmental Impact & Sustainability	Food sources Food & environment Sustainability of food	GCSEPod Biology – Food Production Answer GCSE question on sustainably. Based on all your knowledge linked to KS3 Geography, RE and Food
6 th May	Chapter 11 pgs. 274-289 Processing & Production	Food production Technological Developments associated with better health and food production.	Work on a mind map for food production – work on staple foods for the UK and worldwide e.g. Wheat, Maize, Potatoes, and Rice. Add advantages and disadvantages to the environment e.g. cost for mechanisation, GM crops and other issues like, deforestation for palm oil production.

Examination Date:

Food and Nutrition – 20th June (am)

Design and Technology

W/B	Topics	Revisit work	Suggested Activities
28 th January	L1 - New & emerging technologies	BBC Bitesize and revision guide Pearson Edexcel pages 7-13	Go over and then complete page 11 and page 13 NOW TEST YOURSELF activities. Bullet point key words with a brief definition.
4 th February	L2 – Energy, materials, systems and devices	BBC Bitesize and revision guide Pearson Edexcel pages 14-15	Cross check knowledge from your Science, Geography, R.E. and current affairs to make notes on renewable/non-renewable energy sources. Identify fossil fuels and renewable generators – highlight for yourself the advantages/disadvantages of each, in particular know about the environmental impact of each and the effect on the third world. Go over and then complete page 13 and 14 NOW TEST YOURSELF activities. Bullet point key words with a brief definition.
11 th February	L3 – Modern and Smart materials and technical textiles	BBC Bitesize and revision guide Pearson Edexcel pages 16-19	Revise all materials that are classed as this, especially the properties and why they are useful. Complete the green box - NOW TEST YOURSELF activities.
25 th February	L4 <u>Materials</u> 1.8 Metals <u>1.9 Paper & Boards</u> 1.10 Thermoforming and thermosetting plastics	In the Core content of the revision guide read and revise all of the materials here. 1.8 Ferrous and non-ferrous metals p26 1.9 Papers and boards p28 1.10 Thermoforming and thermosetting plastics p30	Make a bullet pointed list of one or two materials for each that will be easy to remember i.e. natural and manmade fibres, cotton & polyester etc. Link these to the environment and consider the impact on the third world of sustainability, the economy and apply the 6R's to manufacturing an everyday household product here in the UK compared to a developing country. YOU MUST REVISE AND TEST YOURSELF ON THE FULL SECTION RELATING TO YOUR CHOSEN MATERIAL!! Papers and boards pages 71 - 87 Textiles pages 117 - 134
4 th March	L5 <u>Materials</u> 1.11 Textiles 1.12 Natural and manufactured timbers	In the Core content of the revision guide read and revise all of the materials here. 1.11 Natural, synthetic, blended and mixed fibres, woven and non-woven and knitted fibres p32 1.12 Natural and manufactured timbers p34	Make a bullet pointed list of one or two materials for each that will be easy to remember i.e. natural and manmade fibres, cotton & polyester etc. Link these to the environment and consider the impact on the third world of sustainability, the economy and apply the 6R's to manufacturing an everyday household product here in the UK compared to a developing country. YOU MUST REVISE AND TEST YOURSELF ON THE FULL SECTION RELATING TO YOUR CHOSEN MATERIAL!! Papers and boards pages 71 - 87 Textiles pages 117 - 134
11 th March	L6 – Designing principles	Look at examples of work from the specified designers, design movements and manufacturers, such as; Memphis, Alessi and Dyson	Produce a simple chart with the six specific designers, movements, companies that you are required to know and identify some key facts about each one. Now choose a kitchen product and work out how you would adapt it to become more 'Alessi' in design. Alessi who? Do your research.

W/B	Topics	Revisit work	Suggested Activities
18 th March	L7 – Making principles	Revisit previous study on modelling (the purpose of etc). Understand joining methods which best relate to which material. Modelling tools and finishes.	Make a list of suitable materials for modelling and prototyping. Remember, think of practical work in terms of cutting, shaping and joining materials. List relevant tools, equipment and manufacturing processes to make a product, be sure to consider CAD/CAM methods.
8 th April	Sustainability and the environment. Social, moral & cultural considerations.	Revisit your file, BBC Bitesize and technologystudent.com to refresh your understanding of materials and the effects on the environment from extraction to manufacture to landfill.	List the 6 r's. Define Social, Moral & Cultural issues in relation to manufacturing products in any large scale production. Ask a parent to propose a problem that they would like to be solved. Write this up as a context, then filter out the situation and write a 'brief' for it. Analyse the key points for research and consider where and how you would gather and present both the analysis and the research. Describe in detail methods of printing for three particular products, a) a T-shirt, b) a brochure, c) a newspaper. What does CMYK stand for? State four functions of packaging.
15 th April	The use of CAD/CAM. ICT applications	Consider the project work and what CAD/CAM was used. Drawing and colouring applications. Computerised machinery/digital image transfer	What is CAD/CAM, how is it used in Product designing? What are the advantages and disadvantages of CAD/CAM? List examples of CAD and CAM equipment and their uses.
22 nd April	Manufacturing and Commercial Production.	Review how you would produce a product in quantity, with consideration for QA/QC, what methods and why would they be used to commercially produce a specific product.	Describe the role of a manufacturer when producing your product in industry.
29 th April	EXAM Theme	Revisit your practice exam papers and analyse your strengths and weaknesses.	Remember – the Technology examination paper is as much about the impact of technology on society, especially new & SMART materials as it is about what and how to make things. Consider and apply your Maths and Science revision as 15% of your Technology paper is Maths & Science based. Practice technical drawing techniques such as 3 rd Angle Orthographic/Isometric drawings.
6 th May	EXAM Theme	Continue on from previous week	Identify any areas not yet covered that might help with completing an exam paper, possibly technology terminology or exam speak.

Examination Date:

Design and technology – June 24

Additional Information:

- Ensure you also revise 1.5 Mechanical Devices page 19 and 1.6 Electronic systems page 23 and complete the activities.

Music

W/B	Topics	Suggested Activities
<p>Revision materials for Music are spread across the BBC Bitesize website, Focus on Sound and Google Classroom. You will find lessons and interactive practice exercises/tests on Focus on Sound. You can use your Chromebook or similar device to access these. Scan the QR codes provided or find the lessons for the suggested topics by using the search option on Focus on Sound</p> <p>There are also revision materials available on your Google Classroom.</p>		
<p>28th January</p>	<p>General theory</p> <ul style="list-style-type: none"> • Key signatures, major and minor to 5 sharps and 5 flats • Alto and tenor clef • MADTSHIRT 	<p>Complete activities on Focus on Sound to revise key signatures. You will need to know both major and minor key signatures up to and including five sharps and five flats.</p> <p>Revise the elements of MADTSHIRT. Google Classroom has your MADTSHIRT knowledge organisers.</p>
<p>4th February</p>	<p>Italian terms</p> <ul style="list-style-type: none"> • Dynamics • Tempos 	<p>Revise the dynamic markings you have seen during the GCSE course (<i>Pianissimo, Piano, Mezzo piano, Mezzo forte, Forte, Fortissimo, Crescendo, Diminuendo, Sforzando</i>) and make sure you are able to explain each one. Can you put them in the correct order from quietest to loudest?</p> <p>Revise the tempo markings you have seen during the GCSE course (<i>Allegro/Vivace, Allegretto, Moderato/Andante, Adagio/Lento, Accelerando, Ritardando/Rallentando, Rubato, Pause</i>) and make sure you are able to explain each one. Can you put them in the correct order from slowest to fastest?</p>
<p>11th February</p>	<p>Musical styles</p> <ul style="list-style-type: none"> • Western Classical Tradition • Classical • Baroque • Chamber music • Romantic 	<p>Complete activities on Focus on Sound to revise musical features from the time periods and various styles you have studied.</p>
<p>25th February</p>	<p>Musical styles</p> <ul style="list-style-type: none"> • Musical theatre • Film music • Pop/Rock • Jazz • Soul/hip-hop 	<p>Complete activities on Focus on Sound to revise musical features from the time periods and various styles you have studied.</p>
<p>4th March</p>	<p>Rhythm and Metre</p> <ul style="list-style-type: none"> • Note values • Swing rhythms • On/off the beat • Syncopation • Regular • Irregular (e.g. 5/4, 7/8) • Accent • Simple time (2/4, 3/4, 4/4) • 	<p>Revise your knowledge of note values and rhythms.</p> <p><i>Semibreve, Minim, Crotchet, Quaver, Semiquaver, Dotted, Syncopation, Swing rhythms, On the beat, Off-beat, Triplet, Chaal, Associated rests, Driving rhythms, Dance rhythms, Rock rhythms</i></p>

Compound time (6/8, 9/8,12/8)

W/B	Topics	Suggested Activities
11 th March	Texture Sonority:	Revise your knowledge on the different textures used in music. <i>2, 3 or 4 part textures, Melody and accompaniment, Countermelody, Descant, Round, Canon, Drone, Alberti bass, Stab chords, Walking bass</i> Complete the lessons on Focus on Sound about instruments, vocal ranges and performance techniques. Look at the BBC Bitesize website to revise how technology is used in music.
18 th March	Melody <ul style="list-style-type: none">● Pitch● Conjunct/disjunct● Intervals● Ornamentation	Have a look at the BBC Bitesize website and the lessons on Focus on Sound to revise Melody. <i>intervals, motifs, pitch, range, the difference between conjunct and disjunct, chromatic movement, pentatonic, fanfare, anacrusis</i>
8 th April	Harmony <ul style="list-style-type: none">● Primary/Secondary chords● Inversion● Tonic, Subdominant, Dominant (7th)● Harmonic rhythm● Cadences	Revise and test yourself on chord sequences, cadences, degrees of the scale (<i>Tonic, Subdominant, Dominant (7th)</i>) Focus on Sound is full of explanations of cadences. Revise and test yourself on identifying cadences. Also, revise the cadence points in the set works.
15 th April	Music for Ensemble	Monophonic, Homophonic, Polyphonic, Unison, Chordal, Layered, melody and accompaniment, Round, Canon, Countermelody, vocal ensembles (including solos, duets, trios, use of backing vocals), jazz/blues trio, rhythm section, string quartet, basso continuo, sonatas.
22 nd April	Extended answers	Remember - MADTSHIRT! Example questions will be available on your Google Classroom
29 th April	Set work: Africa by Toto	Focus on Sound has plenty of lessons and tests for you to revise your set works. Revise the instruments used, sections [the structure and how many bars each section is], rhythm and metre, Riff A and Riff B, the texture, the tempo, melody etc. Use your knowledge organiser to help you with this revision, too.
6 th May	Set work: Badinerie by J.S. Bach	Focus on Sound has plenty of lessons and tests for you to revise your set works. Revise the instruments used, sections [the structure and how many bars each section is], rhythm and metre, Motif X and Motif Y, the texture, the tempo, melody etc. Use your knowledge organiser to help you with this revision, too

Examination Dates:

Music – 17th June (PM)

Physical Education

W/B	Revisit work	Suggested Activities
29 th January	<ul style="list-style-type: none"> • Components of Fitness • Principles of training • Optimising training 	<p>Produce a table of components, description, Fitness Tests and example of how they are used in sport.</p> <p>Produce a guide to show how to use FITT to optimise different types of training</p> <p>Principles of Training Video from You Tube</p>
5 th February	<ul style="list-style-type: none"> • Prevention of injury • Warm-Ups • Cool Downs 	<p>Produce a poster of a sports performer - draw and label different types of PPE that can be used in different sports.</p> <p>Create a sports specific 5 Stage warm up for an activity of your choice, explain the benefit of each type of warm up</p> <p>Describe the 2 stages and the benefits of a Cool Down</p>
12 th February	<ul style="list-style-type: none"> • Skeletal Structure • Location of Major Bones • Function of the Skeleton 	<p>Label a blank Skeleton</p> <p>List and describe the 5 main functions of the skeleton - link these to a sporting example</p>
19 th February	<ul style="list-style-type: none"> • Synovial Joints • Movements at a Joint • Ligaments, Cartilage and Tendons 	<p>Label the components of a hinge / ball & socket joint</p> <p>Produce a table identifying the different movements available at the hinge/ball and socket joints, include bones involved and sporting examples</p>
26 th February	<ul style="list-style-type: none"> • Muscular System • Location of major muscles • Examples of sporting movements 	<p>Label a blank muscular system diagram</p> <p>Produce a table identifying the name, function and sporting example for each of the major muscles</p>
4 th March	<ul style="list-style-type: none"> • Movement Analysis • Levers • Planes of Movement • Axis of Rotation 	<p>123,FLE,BAD - Explain these in relation to the different classification of levers, give a sporting example for each</p> <p>Define Mechanical Advantage / Disadvantage, which levers are these found in?</p> <p>Sporting examples and types of movement for each plan of movement and axis of rotation</p>
11 th March	<ul style="list-style-type: none"> • Structure and Function of the Cardiovascular System • Blood Vessels • Cardiac Measurements • Components of Blood 	<p>Label a blank heart diagram and the associated blood vessels</p> <p>Explain the differences between capillaries, arteries and veins</p> <p>Explain the difference between Heart Rate, Stroke Volume and Cardiac Output</p> <p>Explain the role of red blood cells in the body</p>

W/B	Revisit work	Suggested Activities
18th March	<ul style="list-style-type: none"> ● Pathway of Air ● Role of Respiratory Muscles ● Respiratory Measurements ● Gaseous Exchange ● Aerobic / Anaerobic Exercise 	<p>Label a blank respiratory diagram explaining the function of each component</p> <p>Explain how the diaphragm and Intercostal Muscles are responsible for inspiration and expiration</p> <p>Describe the difference between Breathing Rate, Tidal Volume and Minute Ventilation</p> <p>Explain how Gaseous Exchange occurs between the alveoli and the capillary</p> <p>What is the difference between Aerobic and Anaerobic Activity? Give sporting examples of each type.</p>
25 th March	<ul style="list-style-type: none"> ● Short Term Effects of Exercise ● Long Term Effects of Exercise 	<p>For a sport of your choice, explain what happens in the body when you begin to exercise?</p> <p>Describe the long term effects of exercise on the skeleton, muscular system, heart and lungs.</p>
1st April	<ul style="list-style-type: none"> ● Physical Activity and Sport in the UK ● Participation in Sport and Physical Activity ● Strategies to improve participation 	<p>Describe the differences between DCMS, Sport England, UK Sport and NGB's</p> <p>Explain how each factor can affect participation levels (include specific examples) age • gender • ethnicity • religion/culture • family • education • time/work commitments • cost/disposable income • disability • opportunity/access • discrimination • environment/climate • media coverage • role models</p> <p>Give 2 examples of Promotion/Provision and Access strategies that can be used to improve participation rates in different social groups</p>
8 th April	<ul style="list-style-type: none"> ● Commercialisation of Sport ● Types of Media ● Golden Triangle ● Effects of commercialisation 	<p>Discuss the effects that each type of media has on sports and participation</p> <p>Draw, label and explain the Golden Triangle with reference to a sporting example e.g. boxing</p> <p>List the effects of commercialisation on - the sport, the performer, spectators</p>
15 th April	<ul style="list-style-type: none"> ● Ethics in Sport ● Drugs in Sport ● Violence in Sport 	<p>Explain the difference between sportsmanship, gamesmanship and deviance in sport (use examples to justify your answers)</p> <p>Make a table of the positive/negative effects and reasons for taking Beta Blockers, Anabolic Steroids and Stimulants</p> <p>Explain the different ways violence may be shown in sport and the reasons behind these.</p>
22nd April	<ul style="list-style-type: none"> ● Characteristics of skilful movement ● Classification of skills ● Goal Setting ● Mental Preparation ● Guidance and Feedback 	<p>Define (with a sporting examples) each component of PFACE</p> <p>Select a sport and mark the key skills of that sport on a difficulty and an environmental continuum</p> <p>Explain the 3 reasons why athletes set goals</p> <p>Create a SMART goal for a sport of your choice, explain how this fits the SMART criteria</p> <p>Give practical examples of imagery, mental rehearsal, positive thinking and selective attention being used</p> <p>Give examples of each type of guidance (visual, verbal, manual, mechanical)</p> <p>Explain the difference between different types of feedback (internal vs external, knowledge of results vs knowledge of performance, positive vs negative)</p>

29th April	<ul style="list-style-type: none"> Health, Fitness and Wellbeing Benefits of physical activity / consequences of sedentary lifestyle 	<p>Write the definitions of Health, Fitness and Wellbeing</p> <p>List the benefits of physical activity in each category (Physical, Social, Emotional)</p>
6th May	<ul style="list-style-type: none"> Diet and Nutrition Balanced Diet (Energy Balance) Macro & Micronutrients Water & Hydration 	<p>Give a definition of a balanced diet</p> <p>Explain how different types of athletes may have different dietary requirements (link to protein, fats and carbohydrates)</p> <p>Write an information guide for Macro and Micronutrients with examples of foods they are found in and the relevance to athletes</p>

Physical Education

J587/01	Physical factors affecting performance	1 h	Wed	22 May pm
J587/02	Socio-cultural issues and sports psychology	1 h	Mon	3 June pm

PE KEY REVISION WEBSITES

<https://senecalearning.com/en-GB/> (Interactive Learning)

<https://www.bbc.co.uk/bitesize/examspecs/ztrcg82> (Notes, Tasks, Quizzes)

<https://www.youtube.com/@thepeclassroom5215/videos> (search OCR GCSE PE Videos within The PE Classroom Channel)

<https://www.youtube.com/@ocrpecomplete> (Great Videos specific for OCR GCSE PE)

Construction

W/B	Revisit work	Suggested Activities
28 th January	Activity sheet 1.1: Introduction to Construction Technology Activity sheet 1.2: Strength and stability of buildings	Explain performance requirements of buildings Revisit labelling and create short presentation Identify and label types of load applied to buildings / View videos of testing or grading of construction materials / prepare notes Establish lateral and vertical restraint systems
4 th February	Activity sheet 1.3: Fire resistance Activity sheet 1.4: Thermal resistance	Establish methods of mitigating the effects of a fire and protection methods Research the different types of insulation material asking where insulation is material placed in a building. Classify insulation materials and order these to U-values

<p>11th February</p>	<p>Activity sheet 1.5: Sound reduction and absorption</p> <p>Activity sheet 1.6: Water resistance</p>	<p>Conduct research into sound reduction and absorption methods including the use of components and materials and their correct placement within the structure and fabric of the building. Ask yourself, how it can be balanced with heat insulation, i.e. combination of both?</p> <p>Explain the difference between a DPC and a DPM and indicate where they are installed</p>
<p>25th February</p>	<p>Activity sheet 1.7: Sustainability</p> <p>Activity sheet 1.8: Forms of low-rise construction</p>	<p>Explain what the term 'sustainability' means and what responsible construction companies do to achieve this.</p> <p>Mind map how alternative energies benefit sustainable development</p> <p>Write a report on traditional, modular, timber-framed and steel-framed construction types</p>

	<p>4th March</p>	<p>Activity sheet 1.9: Preconstruction work</p> <p>Activity sheet 1.10: Groundworks</p>	<p>List in timely order all things you put in place to start running a new construction site</p> <p>a) Greenfield b) Brownfield</p> <p>As part of a substructure list all works and activities, especially connecting services. Must precautions be taken?</p>
	<p>11th March</p>	<p>Activity sheet 1.11: Principles of foundations</p> <p>Activity sheet 1.12: Strip foundations</p>	<p>List all types of foundations and explain the differences and function of a foundation</p>

W/B	Revisit work	Suggested Activities
<p>18th March</p>	<p>Activity sheet 1.13: Raft foundations</p> <p>Activity sheet 1.14: Piled and pad foundations</p>	<p>Carry out simple sketches with annotations</p> <p>Explain the term low and high load bearing ground conditions.</p> <p>Explain the term uniform settlement</p>
<p>8th Apr.</p>	<p>Activity sheet 1.15: Traditional walls</p> <p>Activity sheet 1.16: Timber frame construction</p>	<p>Explain the functions of a load bearing and partition wall and how an opening may be bridged.</p> <p>List the benefits and drawbacks of using timber framed construction for developments.</p>

<p>15th Apr.</p>	<p>Activity sheet 1.17: Structural insulated panels (SIPs)</p> <p>Activity sheet 1.18: Floors</p>	<p>Explain the advantages and disadvantages of using SIPs construction, and how these are put in place and what they are made of.</p> <p>List the types of floors at ground level and explain how they may be supported and their surface finish.</p>
<p>22nd Apr.</p>	<p>Activity sheet 1.19: Timber floors</p> <p>Activity sheet 1.20: Precast concrete floors</p>	<p>Explain what engineered joists are and their distinctive advantage. List several types.</p> <p>Draw and annotate a beam block floor.</p>
<p>29th Apr.</p>	<p>Activity sheet 1.21: Pitched roofs</p> <p>Activity sheet 1.22: Flat roofs</p>	<p>List roof types</p> <p>List roof finishes</p> <p>Explain the ultimate advantage of a flat roof and its weaknesses. Explain the roof surface, pitch and finish.</p>

<p>6th May</p>	<p>Activity sheet 1.23: Types of construction project</p> <p>Activity sheet 1.24: The construction industry and the built environment</p> <p>+ 50 Revision questions test</p>	<p>List the sectors of construction, give examples and explain the difference between the refurbishment of buildings and the repair and maintenance of buildings.</p> <p>List types of coastal defences and those of rivers and why they are now more important than ever.</p> <p>Take part in the end of year exercise</p>	
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Health and Social Care

W/B	Topics	Revisit work	Suggested Activities
28 th January	1.1 and 1.2	Types of care settings The rights of service users	<ul style="list-style-type: none"> define both health care and social care. differentiate between health care and social care settings. identify the 5 rights.
4 th February	1.2	The rights of service users	<ul style="list-style-type: none"> provide examples of choice for different care settings. identify reasons for food choices. know the importance of maintaining confidentiality. know when it is appropriate to breach confidentiality.
11 th February	1.2	The rights of service users	<ul style="list-style-type: none"> define consultation provide examples of consultation within both health care and social care settings. provide examples of equal and fair treatment within both health care and social care settings
25 th February	1.3	The benefits to service users' health and wellbeing when their rights are maintained	<ul style="list-style-type: none"> identify the 6 benefits provide definitions / statements for each of the benefits make links between the benefits and rights in health and social care settings
4 th March	2.1	Person-centred values and how they are applied by service providers	<ul style="list-style-type: none"> identify the 9 person-centred values. match the person-centred values to the correct definition / statement. identify some examples of how these person-centred values can be applied.
11 th March	2.1	Person-centred values and how they are applied by service providers	<ul style="list-style-type: none"> Provide examples of how individuality, choice and rights - person-centred values - are applied by service providers in both health and social care settings.

Additional Information:

W/B	Topics	Revisit work	Suggested Activities
18 th March	2.1	Person-centred values and how they are applied by service providers	<ul style="list-style-type: none"> ● know the meaning of the 6Cs. ● research and provide additional examples of how service practitioners use care, compassion and competence to inform and deliver person-centred values.
8 th April	2.3	Effects on service users' health and wellbeing if person-centred values are not applied.	<ul style="list-style-type: none"> ● differentiate between the 4 different classification of effects - PIES. ● identify examples of poor practice. ● identify the effects on service users of poor practice.
15 th April	3.4	The importance of methods of communication in health and social care settings	<ul style="list-style-type: none"> ● identify and describe communication methods. ● Describe the benefits of using special communication methods
22 nd April	4.1	Safeguarding	<ul style="list-style-type: none"> ● Know the reasons for having DBS checks. ● Know the difference between standard checks, enhanced checks and barred list.
29 th April	4.1	Safeguarding	<ul style="list-style-type: none"> ● describe why service users need safeguarding. ● provide examples of the impacts for service users due to a lack of safeguarding.
6 th May	4.3	Safety procedures and measures	<ul style="list-style-type: none"> ● Explain how safety and security procedures protect both service providers and service users. ● Describe how safety measures can protect both service providers and service users.

Examination Dates 2024:

5/6/24

Creative Media

W/B	Topics	Revisit work	Suggested Activities
28 th January	Editing for C3 Mock	We will be doing a mock exam for C3 editing	Revise editing techniques - types of cuts and transitions, playing with colours and visual effects
5 th February	C3 Mock Technical Review record practice	We will look back at the editing skills used in the C3 B mock from the previous week. Write a technical record to describe the techniques used.	Look back over the edit. Revise techniques
12 th February	C3 Real Exam Brief Handout	Revise audience groupings (demographics, psychographics, socio-economics, interest groups, lifestyle profiles) Revise secondary research techniques Watch other adverts on the same topic (physical activity and exercise)	Revise audience groupings Conduct secondary research into the topic mentioned on the client brief (encouraging young people to do more exercise) Watch and analyse other adverts about the topic - what works well.
25 th February		Generate several ideas for adverts for your C3 exam Refine your ideas and choose the best one	Generate and refine ideas for C3 advert
4 th March		Refine ideas for C3 advert. Look back at your C3 Mock feedback (done in December) to see how you could improve.	Practice being able to describe the links to the target audiences. Practice describing the content of your final idea - what happens in it. Practise being able to describe the style of your idea - how will it feel? Which camera and editing techniques will you use?
11 th March	C3 Task 1B	Storyboard practice Revise storyboard techniques (arrows to show camera and actor movement, lighting and shading, durations, cuts and transitions types, shot sizes, audio descriptions)	Practice your storyboards and plan for how to draw them in the exam.

Additional Information:

W/B	Topics	Revisit work	Suggested Activities
18 th March	Exams this week: C3 Activity 1A Ideas Log C3 Activity 1B Storyboards	We practised this in mock exams in December and January. Activity 1B - Ideas log - target audiences etc	Revise how to draw good storyboards Revise types of camera shot sizes and angles, camera movements etc
8 th April	C3 Activity 2 shooting your advert	Revise camera movements Revise camera framing and shot sizes Revise camera angles eg high or low, dutch tilts etc	Planning and filming your advert for C3 Activity 2 (You can film in school or out of school) Gather music and sound effects
15 th April	C3 Activity 2 shooting your advert	Revise camera movements Revise camera framing and shot sizes Revise camera angles eg high or low, dutch tilts etc	Planning and filming your advert for C3 Activity 2 (You can film in school or out of school) Gather music and sound effects
22 nd April	C3 Activity 2 Editing Revision	Revise editing techniques: Types of cuts and transitions Effects and colour grading Sound Design	Planning and filming your advert for C3 Activity 2 (You can film in school or out of school) Gather music and sound effects Revise editing techniques
29 th April	C3 Activity 2 Exam this week	We aim to do the exam this week: Editing your advert in the exam.	Revise editing techniques
6 th May		Exams completed	

Examination Dates 2024:

Statistics

W/B	Topics	Revisit work	Suggested Activities
28 th January	Collection of Data	Describing data Grouping data Primary and secondary data Hypotheses	Exam Questions: https://www.statsacademy.co.uk/exam-practice Collection of Data Make a selection of flash cards with the key words and definitions Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 1, 2, 8, 18 Pearson Revision Workbook Pages: 1, 2, 8, 18
4 th February	Collection of Data	Sampling: random and non-random methods Pearson Capture Recapture	Exam Questions: https://www.statsacademy.co.uk/exam-practice Collection of Data List the benefits and problems with each method. Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 9-13 Pearson Revision Workbook Pages: 9 - 13
11 th February	Collection of Data	Questionnaires and interviews Cleaning data and problems with data Extraneous variables	Exam Questions: https://www.statsacademy.co.uk/exam-practice Collection of Data Design an experiment to test the reaction time of students. Consider how you will gather the data and the information that you will need to use. How you are going to use it and where you may need to think about the problems you may encounter. How are you going to ensure that the experiment is fair and that the conditions are the same for everyone? Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 3 - 6, 14 - 17, 19 Pearson Revision Workbook Pages: 3 - 6, 14 - 17, 19
25 th February	Processing and Representing Data	Tables including two way tables Pictograms Bar charts and population pyramids Stem and Leaf diagrams Choropleth maps	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on the Google Classroom Pearson Revision Guide Pages 20 - 25, 29 - 30 Pearson Revision Workbook Pages: 20 - 25, 29 - 30
4 th March	Presenting and Representing Data	Pie charts including comparative pie charts	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on the Google Classroom Pearson Revision Guide Pages 26 - 28 Pearson Revision Workbook Pages: 26 - 28

	11 th March	Presenting and Representin g Data	Histograms and frequency polygons Cumulative frequency charts Box plots and outliers Shape and skew	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on the Google Classroom Pearson Revision Guide Pages 31 - 36, 54 - 56 Pearson Revision Workbook Pages: 31 - 36, 54 - 56
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W/B	Topics	Revisit work	Suggested Activities
18 th March	Summarising Data	Averages from lists and frequency tables Geometric and weighted mean	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 39 - 44, 46 - 47 Pearson Revision Workbook Pages: 39 - 44, 46 - 47
8 th April	Summarising Data	Measures of dispersion including range and IQR for discrete and grouped data Making estimates Standard Deviation	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 48 - 53, 59 Pearson Revision Workbook Pages: 48 - 53, 59
15 th April	Scatter Diagrams and Correlation	Plotting points Line of best fit including the equation of the line Causal relationships Interpolation and extrapolation Spearman Rank correlation coefficient	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 60 - 69 Pearson Revision Workbook Pages: 60 - 69
22 nd April	Time Series	Trends and seasonal variation Estimating and making predictions	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 70 - 75 Pearson Revision Workbook Pages: 70 - 75
29 th April	Probability	Tree diagrams with and without replacement Conditional probability Venn diagrams	Exam Questions: https://www.statsacademy.co.uk/exam-practice Probability Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 76 - 88 Pearson Revision Workbook Pages: 76 - 88
6 th May	Index Numbers	Index numbers to a base year Chain based index numbers Rates of change	Exam Questions: https://www.statsacademy.co.uk/exam-practice Processing, Representing and Analysing Data Revision guide and workbooks are on Google Classroom Pearson Revision Guide Pages 89 - 95 Pearson Revision Workbook Pages: 89 - 95

Examination Dates 2024:
Wednesday 5th June (PM)
Monday 17th June (PM)

Additional Information:

<https://www.mathsgenie.co.uk/statistics.html>

<https://mrshodgettsstatistics.com/>

Business Enterprise

W/B	Topics	Revisit work	Suggested Activities
28 th January	A1: Targeting and Segmenting the market	Demographic Behavioural Psychographic Geographic Types of market	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
4 th February	A2: 4ps of the marketing mix	People Place Price Promotion	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
11 th February	A3: Factors influencing the choice of market	Appropriateness for product and its brand image Speed / accessibility of information Cost to enterprise Competitor activities Experience of entrepreneur	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
25 th February	A4: Trust, reputation and loyalty	Brand image Environmental concerns Public image	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
4 th March	B1: Financial documents	Purchase order Delivery note / goods received note Invoice Credit Note Statement of account Remittance advice slip	Complete practice examples from Google Classroom

			Receipt	
	11 th March	B2: Payment Methods	Cash Debit Card Credit Card Payment technologies	Mind maps Flash cards Revisit notes on classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers

W/B	Topics	Revisit work	Suggested Activities
18 th March	B3: Revenue and costs	Revenue / Turnover Start up costs Running Costs	Mind maps Flash cards Revisit notes on classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
8 th April	B4: Financial Statements	Profit and loss accounts Balance Sheets Stakeholders	Complete practice examples from classroom
15 th April	B5: Profitability & Liquidity	Difference between cash and profit Difference between liquidity and profitability Calculate profitability ratios from given formulae Calculate liquidity ratios from given formula e	Complete practice examples from classroom

22 nd April	C1: Budgeting C5: Sources of business finance	Expenditure and revenue budgets Difference between budgeting and budgetary control Impact of favourable and adverse variances Internal sources of finance External sources of finance	Mind maps Flash cards Revisit notes on classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on classroom Practice papers
29 th April	C2: Cash flow C3: Improving cashflow	Cash flow forecas t Purpose of cash flow forecasts Difference between forecasted and actual cash flows Cash flow problems Solutions to cash flow problems	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on Google Classroom Practice papers
6 th May	C4: Breakeven point & analysis	Learners will calculate the break-even point and margin of	Mind maps Flash cards Revisit notes on Google Classroom Kahoot quizzes Two Teachers youtube channel Revisit lessons on Google Classroom Practice papers

safety,
construct
and
interpret a
break-even
chart, and
recognise
the
strengths
and
limitations
of
break-even
analysis.

- Fixed, variable and total costs, and total revenue.

Break-even point, margin of safety, area of profit and area of loss. • Importance to an enterprise of breaking even.

- Strengths and limitations of break-even analysis.

Travel and Tourism

W/B	Topics	Revisit work	Suggested Activities
28 th January	Economic factors	<p>Recession/Boom</p> <p>Levels of employment</p> <p>Fuel costs</p> <p>Currency exchange</p> <p>Know how each factor can impact the Choice of global destinations and types of holidays.</p>	<p>See if you can name the economic factors and explain them to someone else. They apply this to a four mark exam question.</p> <p>Tick off on your Learning Aim A sheet how well you think you know them.</p> <p>Use knowledge organisers and lesson powerpoint in Google Classroom to go over areas unsure about.</p>
4 th February	Political factors	<p>Legislation laws on: health and safety laws; employment laws; planning laws.</p> <p>Reasons for legislation: visitor security, equality, customer financial protection, developing services and facilities, controlling development</p> <p>How taxes, visas, passports can affect the cost of travel and visitor numbers. to a destination.</p> <p>Promote tourism</p> <p>Political instability, civil unrest and war can result in disruption, cancelled holidays.</p>	<p>See if you can name the political factors and explain them to someone else. They apply this to a four mark exam question.</p> <p>Tick off on your Learning Aim A sheet how well you think you know them.</p> <p>Use knowledge organisers and lesson powerpoint in Google Classroom to go over areas unsure about.</p>
11 th February	Natural factors	<p>Natural disasters: earthquakes, volcanic eruptions, tsunamis, landslides, avalanches.</p> <p>Severe Weather: flooding, drought, wildfires, hurricanes/cyclones, tornadoes, blizzards.</p> <p>Effects on travel and tourism businesses: disruption/cancellations; compensation; repatriation; evacuation; impacts on choice</p> <p>Effects on destinations: rebuilding infrastructure; early warning systems; building design</p>	<p>Pick two natural disasters say how one affects a travel and tourism business. Say how the other has an effect on the destination. Think about both long term and short term effects.</p> <p>Then, do the same for two severe weather events.</p> <p>Look at the news for examples of the natural factors and when you see the images think about the impacts they can have on tourism.</p>
25 th February	Media Factors	<p>Types of media: print – newspaper reports/articles, magazines, books, guides; broadcast –radio, film, TV; internet – social platforms, websites</p> <p>Image created –positive/negative</p> <p>How media affects visitor choice.</p>	<p>Be able to name the types of media. Use dual coding and create images for each type. Then look at images and see if you can remember the different types.</p>
4 th March	Safety and security	<p>Risks relating to personal safety & security in an unfamiliar environment, inc. theft, pickpocketing, physical attacks, accidents, bribery, getting lost, dangerous wildlife.</p> <p>Safety measures implemented. CCTV, transport/tourist police, body and luggage scanners, emergency phone numbers, safety deposit boxes, security staff</p>	<p>Think about visiting a place on holiday for the very first time.</p> <p>What things would you need to be mindful of?</p>
11 th March	Health risk factors	<p>Endemic – a disease that is present permanently in a region or population: – malaria – yellow fever – cholera – typhoid.</p> <p>Epidemic/pandemic – an outbreak that can spread through one or several communities/the world: – norovirus – avian/bird flu – zika virus – coronavirus.</p> <p>Ways of transmission – air, water, food, contact.</p> <p>Precautions against contracting.</p>	<p>Create a mind map having health risk in the middle. Then endemic diseases, how you can get them, precautions that can be taken, and finally symptoms.</p> <p>Use knowledge organisers and lesson powerpoint in Google Classroom to go over areas unsure about.</p>

Additional Information: Remember you have resources in your google classroom. You have exam questions you can look over marks you got or complete exam questions and ask me to mark. You have knowledge organisers and check sheets.

W/B	Topics	Revisit work	Suggested Activities
18 th March	A2 Response to factors.	<p>Travel and tourism organisations: Adapting & developing. Reviewing. Managing public relations.</p> <p>Government: local, regional, national: Providing info, restrictions, Promoting, Encouraging employment, Improving infrastructure, security measures.</p> <p>Voluntary organisations: Promoting sustainability, conservation and protection.</p> <p>Campaigning for governments to affect change. Raising awareness of issues – ethical, environmental. Raising funds.</p>	<p>See if you can list responses to factors and explain them to someone else. Then apply this to a four mark exam question.</p> <p>Tick off on your Learning Aim A sheet how well you think you know them.</p> <p>Use knowledge organisers and lesson powerpoint in Google Classroom to go over areas unsure about.</p>
8 th April	Possible impacts of tourism	<p>Sociocultural impacts: are the changes to the everyday lives of people living in global destinations (host communities)</p> <p>Economic impacts: the effect of the actual amount spent by tourists and indirect effects.</p> <p>Environmental impacts: result of the strain tourism can place on local land use and resources as well as the natural and built environments of global destinations.</p> <p>Know TALC model.</p>	<p>Take each of the impacts in turn. Sociocultural, economic and environmental.</p> <p>There can be positive and negative impacts. See if you can name a couple.</p> <p>https://www.bbc.co.uk/bitesize/guides/zpfd4qt/revision/1</p> <p>Use a blank TALC graph to see if you can add correct words.</p>
15 th April	B2 Sustainable tourism	<p>What is sustainable tourism?</p> <p>The aim of sustainable tourism.</p> <p>Protecting natural environments.</p> <p>Providing authentic tourist experiences.</p> <p>Creating economic benefits.</p>	<p>Examples of sustainable tourism can be found here: https://www.coolgeography.co.uk/A-level/AQA/Year%2013/Development%20&%20Globalisation/Development%20Issues/Sustainable%20tourism.htm</p> <p>You can look at images to help you understand.</p>
22 nd April	B3 Managing sociocultural impacts	<p>Visitors can be educated.</p> <p>Transport and essential infrastructure.</p> <p>Local communities involved in decisions.</p> <p>Taxes are imposed</p>	<p>Make links back to the impacts you have learnt. Think about what can be done to help prevent or reduce the impacts. https://www.bbc.co.uk/bitesize/articles/znsfn9q#zqx6trd</p>
29 th April	B4 Managing economic impacts	<p>Learners will understand the benefits of managing economic impacts and the methods used: Employment and training, support local communities, restrict the involvement of foreign-owned companies, visitor spend.</p>	<p>Make links back to the impacts you have learnt. Think about what can be done to help prevent or reduce the impacts.</p> <p>https://www.bbc.co.uk/bitesize/articles/znsfn9q#zqx6trd</p>
6 th May	B5 Managing environmental impacts	<p>Visitors can be managed.</p> <p>Traffic can be managed.</p> <p>Planning is controlled.</p> <p>Visitors are educated.</p> <p>Resources are controlled responsibly.</p> <p>Protection.</p>	<p>Make links back to the impacts you have learnt. Think about what can be done to help prevent or reduce the impacts.</p> <p>https://www.bbc.co.uk/bitesize/articles/znsfn9q#zqx6trd</p>

Examination Dates 2024:

The Travel exam is on Friday 3rd May. It is in the afternoon and it is down for 2 hrs.