

## Half Term Four – February - April – Remote Learning Curriculum Overview

Subject Area	Year 7 Overview	Year 8 Overview	Year 9 Overview	Year 10 Overview	Year 11 Overview
<b>Maths</b>	Unit 14: Fractions Unit 15: All Operations acting on Fractions Unit 16: Ratio Unit 17: Percentage	<b>Unit 3: Forming and Solving Inequalities</b> <b>Unit 16: Ratio</b> <b>Unit 4: Linear Graphs</b>	Unit 7: changing the subject of a formula  Unit 9: congruence and similarity  Unit 10: triangles and quadrilaterals Unit 11: angles in polygons	Foundation: Unit 10: fractions, decimals and percentages Unit 11: percentages Unit 12: probability, sets and Venn diagrams  Higher: Unit 8: algebraic fractions Unit 9: simultaneous equations Unit 10: fractions, decimals and percentages Unit 11: percentages	Set 1: Graphical Inequalities Functions Area under a graph Revision  Set2: Quadratic Graphs and their properties. Inequalities Percentages- Growth and Decay Revision  Set 3, 4, 5, 6: Revision for all topics: Number, Algebra.
<b>English Literature</b>	Continuing with Tales from Shakespeare - Othello, The A Midsummer Night's Dream.	Continuing with Oliver Twist.	Continuing with 'Of Mice and Men'.	Continuing with Power and Conflict Poetry. Approximately 10 more poems to teach from the anthology.	A Christmas Carol Revision/teaching - interleaved with English language skills.
<b>English Language</b>	One lesson per week on 'Establishing an Audience'.	One lesson per week on 'Tiny Features'.	One lesson per week on 'Counter Argument'.	One lesson per week START - English Language Paper 1 Question 5 - Creative Writing.	Interleaved with Literature lessons.

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<p><b>Science</b></p>	<p>KS3 PHYSICS: Energy transfers, generating energy, renewable and non-renewable energy, nuclear power</p>	<p>KS3 PHYSICS: the eye, reflection and refraction, electricity and circuits, static electricity, current voltage and resistance</p>	<p>KS3 PHYSICS: kinetic and elastic potential energy, waves, electromagnetic waves and spectrum, reflection and refraction, space physics.</p>	<p>Triple science 10.1 only - GCSE CHEMISTRY - BONDING AND STRUCTURE: Corrosion and alloys. QUANTITATIVE CHEMISTRY: moles, concentration of substances, industrial chemistry. CHEMICAL CHANGES: metal reactions, acid and bases, neutralisation, electrolysis, titrations, gas pressure and volumes.</p>	<p>Y11 HIGHER - PAPER 2 PHYSICS: magnetism, solenoids, motor effect. PAPER 2 BIOLOGY: hormones, homeostasis, nervous system, diabetes and blood glucose, contraception and hormonal regulation; INHERITANCE: inheritance and genes, inherited disorders, sex determination, cloning plants, asexual and sexual reproduction, natural selection and evolution; ECOLOGY: ecosystems, sampling techniques, carbon and water cycle.</p>
<p><b>Science</b></p>	<p>KS3 PHYSICS: Energy transfers, generating energy, renewable and non-renewable energy, nuclear power</p>	<p>KS3 PHYSICS: the eye, reflection and refraction, electricity and circuits, static electricity, current voltage and resistance</p>	<p>KS3 PHYSICS: kinetic and elastic potential energy, waves, electromagnetic waves and spectrum, reflection and refraction, space physics.</p>	<p>ALL OTHER Y10 - COMBINED SCIENCE BIOLOGY: photosynthesis, respiration, fermentation and metabolism. CHEMISTRY: key facts on periodic table and atomic structure, ions and ionic bonding, covalent bonding, metallic bonding and alloys, moles and concentrations of substances.</p>	<p>Y11 FOUNDATION: PAPER 2 PHYSICS: magnetism, solenoids. PAPER 2 BIOLOGY: hormones, homeostasis, nervous system, diabetes and blood glucose, contraception and hormonal regulation; INHERITANCE: inheritance and genes, inherited disorders, sex determination, asexual and sexual reproduction, natural selection and evolution; ECOLOGY: ecosystems, sampling techniques, carbon and water cycle.</p>

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<b>PE</b>	Fitness (one theory/one practical) Week 1 - Circuit training, Week 2 - HITT training, Week 3 - Continuous training	Fitness (one theory/one practical) Week 1 - Circuit training, Week 2 - HITT training, Week 3 - Continuous training	Fitness (one theory/one practical) Week 1 - Circuit training, Week 2 - HITT training, Week 3 - Continuous training.	Year 10 core Fitness (one practical) Week 1 - Circuit training. Week 2 - HITT training. Week 3 - Continuous training. Year 10 Sport studies (CV system)	Year 11 core Fitness (one practical) Week 1 - Circuit training. Week 2 - HITT training. Week 3 - Continuous training. Year 11 Sport Studies (Tasks 3 & 4 Coursework Unit 2)
<b>Geography</b>	Our natural world - Ecosystems	Changing Coastlines	Extreme conflicts	WK1-2 Urban Regeneration, WK3 Ecosystems	WK1&2 Urban regeneration WK3 Ecosystems
<b>History</b>	How 'remarkable' was the reign of Henry VIII?	In what ways was the First World War a 'global war'?	How did the Arab - Israeli conflict develop?	GCSE Paper 2 American West	GCSE Paper 2 Consolidation
<b>Food</b>	Health + Safety, Knife safety, Weighing + Measuring, Types of kitchen equipment, Eat well guide	Health + Safety, Knife safety, Weighing + Measuring, Types of kitchen equipment, Eat well guide	Bacteria, Eat well guide, Macronutrients, Micronutrients	2.3 how H+C provisions meet customer needs, 3.1 Personal safety responsibility, 3.2 Risk to personal safety in H+C, 3.3 Personal safety recommendations	A01: Demonstrate knowledge and understanding of nutrition, food, cooking and preparation. AO2: Apply knowledge and understanding of nutrition, food and preparation AO4: Analysis and evaluate different aspects of nutrition, food, cooking and preparation, including food made by themselves and others
<b>Media Studies</b>				Week 1 + 2: Component 2 Section B Music Videos. Week 3: Introduction to coursework and NEA Coursework Brief	Week 1+2: Component 2 Section B and then focus on Component 1 Section B: Newspapers
<b>Music</b>	Elements of Music	African Drumming	Britpop	Unit 7 - Music Sequencing and Unit 2 - Managing a Music Product	Unit 7 - Music Sequencing
<b>Product Design</b>	Intro into Architecture- Disaster Shelters	Inclusive Design Project	Architecture - Sustainable school	NEA Coursework project	GCSE NEA coursework and revision

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<b>Art</b>	Still Life compositions	Music and Colour project- Kandinsky and Delaunay	Sweets and Cakes Pop Art project	Contrasts/Nature AO1,2,3	PPE project
<b>Textiles</b>	Introduction to Textiles. Design and make hand puppet	Introduction to Textiles. Design and make hand puppet	Exploring cultures - make making, materials & design		
<b>Photography</b>				Abstract Photography	creative careers in digital photography
<b>Spanish</b>	Mi familia, amigos y yo (My family, Friends and I)	En el mercado (Food & Drink)	Planes despues del colegio (Post 16 plans)	Una vida Sana (A healthy lifestyle)	Problemas sociales (Social Problems)
<b>R.E.A.D</b>	Mystery and Adventure - prefixes and suffixes	Resilience and Acceptance - suffixes and vocabulary expansion	The Pursuit - Academic word list	NA	NA
<b>PSHE</b>	Health & Puberty	Emotional Well-being	Healthy Lifestyle	Exploring Influence	Independence
<b>RS</b>	Christianity	Buddhism	Religious Conflict	Religion & Life	Islam Revision
<b>Health and Social Care</b>				Barriers when caring	Health Care Planning
<b>Computing</b>	Binary Conversion	Binary Conversion	Computer Hardware		