



# Half Term 2 Subject Overviews: What your child will be learning this half term

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(C) Core subject (O) Option subject

# Y10

English Language (C)	English Literature (C)	Maths (C)	Biology (C)	Chemistry (C)	Physics (C)	Geography (O)	History (O)	French (O)	RE (O)	GCSE PE (O)	CNAT PE (O)
<ul style="list-style-type: none"> <li>Crime and punishment</li> <li>Writers ideas and perspectives</li> <li>Analysing language</li> <li>Expressing points of view</li> <li>Using sentences for impact</li> </ul>	<ul style="list-style-type: none"> <li>A Christmas Carol</li> <li>Using textual references &amp; quotations to support interpretations</li> <li>Analysing language and form</li> <li>Relationships between texts and contexts</li> </ul>	<ul style="list-style-type: none"> <li>Reflecting and enlarging shapes</li> <li>Describing rotations, reflections and translations</li> <li>Calculating probability of combined events</li> <li>Vectors</li> <li>Graph transformations</li> <li>Congruent triangles</li> <li>Fractional indices</li> </ul>	<ul style="list-style-type: none"> <li>Digestive system</li> <li>Enzymes</li> <li>Food tests</li> <li>The heart</li> <li>The blood</li> <li>Coronary heart disease</li> <li>Cancer</li> <li>Non-communicable disease</li> <li>Plant organs and tissues</li> </ul>	<ul style="list-style-type: none"> <li>Ionic bonding</li> <li>Ionic compounds</li> <li>Covalent bonding</li> <li>Covalent compounds</li> <li>Metallic bonding</li> <li>States of matter</li> <li>Properties of different types of compounds</li> </ul>	<ul style="list-style-type: none"> <li>Standard circuit diagram symbols</li> <li>Electrical charge and current</li> <li>Current, resistance and potential difference</li> <li>Series and parallel circuits</li> <li>Mains electricity</li> <li>Power</li> <li>Static charge</li> <li>Electric fields</li> </ul>	<ul style="list-style-type: none"> <li>Coastal landscapes and processes</li> <li>Urbanisation patterns and processes</li> <li>UK city case study: site, situation and connectivity.</li> <li>The sequence of urbanisation</li> <li>National and international migration</li> </ul>	<ul style="list-style-type: none"> <li>The Schlieffen Plan</li> <li>The failure of war plans</li> <li>Trench Warfare</li> <li>Life in the trenches</li> <li>The Battle of Marne and race to the sea</li> <li>The Battle of Verdun</li> <li>The Battle of the Somme</li> </ul>	<ul style="list-style-type: none"> <li>Sport and music</li> <li>Cinema and technology</li> <li>Talking about your life online</li> <li>Talking about books and reading</li> <li>Talking about a night out with friends</li> <li>Actors and films</li> <li>Superlative adjectives</li> <li>Perfect tense</li> </ul>	<ul style="list-style-type: none"> <li>Prophets</li> <li>Muhammeds life</li> <li>Bringing Gods message</li> <li>Angels</li> <li>The after life</li> <li>Judgement</li> <li>Predestination</li> <li>Jesus – the incarnation</li> <li>Jesus – crucifixion</li> <li>Salvation &amp; atonement</li> <li>The Bible</li> </ul>	<ul style="list-style-type: none"> <li>How to prevent injury</li> <li>The importance of warming up and cooling down</li> <li>Training thresholds</li> <li>PEP coursework</li> </ul>	<ul style="list-style-type: none"> <li>Considerations when planning an outdoor activity in a specified location</li> <li>Emergency procedures plan</li> <li>Participation in outdoor activities</li> <li>Evaluating the value of participating in outdoor activity</li> </ul>
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Art (O)	Photography (O)	Graphics (O)	Food (O)	CNAT Engineering (O)	Computer Science (O)	WJEC ICT (O)	Business Studies (O)	CNAT Child Care (O)	CNAT Health & Social Care (O)	Music (O)	Personal Development (C)
<ul style="list-style-type: none"> <li>Induction projects</li> <li>Painting – Marcia Baldwin</li> <li>Printmaking – Anne Waggot Knott</li> <li>Drawing</li> <li>Analysis of context</li> <li>Proportion</li> <li>Observation</li> <li>Colour theory</li> <li>Composition</li> <li>Mixed media</li> </ul>	<ul style="list-style-type: none"> <li>Still life – Edward Weston</li> <li>Macro – Aaron Siskind &amp; Bill Mangold</li> <li>Landscape – Victoria Siemer, Jelle Martens &amp; Abigail Reynolds</li> <li>Photoshoots</li> <li>Black &amp; white</li> <li>Mixed media</li> <li>Photoshop</li> <li>Lighting</li> <li>Rule of thirds</li> </ul>	<ul style="list-style-type: none"> <li>Texture</li> <li>Line</li> <li>Colour</li> <li>Layout, Shape</li> <li>Type</li> <li>Photoshop</li> <li>Illustrator</li> <li>Typography</li> <li>Logo design</li> <li>Colour theory</li> <li>Composition</li> <li>Analysing context</li> <li>Drawing</li> </ul>	<ul style="list-style-type: none"> <li>Basic hygiene and safety</li> <li>Knife skills</li> <li>This half term you will be cooking:                             <ul style="list-style-type: none"> <li>Pizza pasta bake</li> <li>Stir fry</li> <li>Tomato soup and bread rolls</li> <li>Cheesy garlic bread</li> <li>Sponge base</li> <li>Lemon filling meringue top</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Manual production of engineering drawings</li> <li>Use of CAD</li> <li>Product analysis</li> <li>Product disassembly</li> </ul>	<ul style="list-style-type: none"> <li>Components of a computer system</li> <li>The purpose and characteristics of embedded systems</li> <li>The needs for primary storage</li> <li>Differences between RAM and ROM</li> <li>Purpose of ROM</li> <li>Purpose of RAM</li> <li>Virtual memory</li> </ul>	<ul style="list-style-type: none"> <li>Data consists of raw facts and figure</li> <li>Applying rules to data and information</li> <li>Speed and access of data and storage</li> <li>Data compression</li> <li>Data capture methods</li> <li>Sources of error</li> </ul>	<ul style="list-style-type: none"> <li>E-commerce to access wider markets</li> <li>Digital communication</li> <li>Identifying and analysing possible trade offs between ethics and profit</li> <li>Ways in which businesses behave ethically</li> <li>Environmental considerations</li> </ul>	<ul style="list-style-type: none"> <li>Current government dietary recommendations</li> <li>Nutrients and their functions</li> <li>Planning and preparing a feed/meal</li> <li>Developmental needs of the child</li> <li>Antenatal care and preparation for birth</li> </ul>	<ul style="list-style-type: none"> <li>The importance of a healthy society</li> <li>Public health</li> <li>Benefits of health promotion campaigns</li> </ul>	<ul style="list-style-type: none"> <li>Instrumental families</li> <li>3 note composition</li> <li>Primary chords</li> <li>Cadences</li> <li>Analysing nursery rhymes</li> <li>National anthem compositions</li> <li>Chord sequences</li> <li>Conventions of pop exploration</li> </ul>	<ul style="list-style-type: none"> <li>Managing tough times</li> <li>Suicide</li> <li>Managing social anxiety</li> <li>Social media and self-esteem</li> <li>Screen time</li> </ul>
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