


# YEAR 8 PPE2 REVISION LIST

Subject	Exam Structure	Topics	Revision Resources (including links)
Maths	A 45 minute calculator exam	Converting between mixed numbers and improper fractions Ordering fractions Adding and subtracting fractions Multiplying fractions Finding percentages of amounts without a calculator Finding percentages of amounts with a calculator Adding and subtracting with negative numbers Converting between fractions, decimals and percentages Prime factor decomposition Finding error intervals Using standard form with positive indices Multiplying and dividing numbers in standard form Converting recurring decimals to fractions Reading and plotting coordinates Solving equations with one step Solving equations of the form $ax+b=c$ Solving linear equations involving brackets Solving linear equations involving brackets Constructing and solving equations Expanding double brackets Term-to-term rules for numerical sequences Position-to-term rules for arithmetic sequences Position-to-term rules for quadratic sequences Plotting straight line graphs Shape properties Angles in triangles Finding the area of triangles Enlargement Translation	Log onto Sparx > Click independent learning (left-hand side) > Type in the code.  If the code begins with an M, you need to ensure the curriculum is set to Key Stage 3, if it starts with a U, it needs to be set to GCSE.  M601 M335 M835 M157 M437 M905 M106 M264 M108 M730 M719 U264 U689 M618 M707 M634 M902 M902 M957 M960 M381 M991 M418 M932 M276 M351 M610 M178

		<p>Using Pythagoras' theorem in 2D</p> <p>Angles in polygons</p> <p>Finding the volume of prisms</p> <p>Calculating bearings</p> <p>Identifying parts of circles</p> <p>Using the exact values of trigonometric ratios</p> <p>Sharing amounts in a given ratio</p> <p>Writing and simplifying ratios</p> <p>Writing ratios in the form 1:n</p> <p>Using equivalent ratios to find unknown amounts</p> <p>Interpreting real-life graphs</p> <p>Interpreting frequency tables and two-way tables</p> <p>Tree diagrams for independent events</p>	<p>M139</p> <p>M677</p> <p>M653</p> <p>M722</p> <p>M416</p> <p>M595</p> <p>U627</p> <p>M525</p> <p>M885</p> <p>M543</p> <p>M801</p> <p>M771</p> <p>M899</p> <p>M299</p>
RE	One written paper	<ol style="list-style-type: none"> <li>1. Prophecy and Prophets.</li> <li>2. Jonah.</li> <li>3. Elijah</li> <li>4. Isaiah</li> <li>5. John the Baptist.</li> <li>6. Salvation and Jesus.</li> <li>7. False prophecy in El Salvador.</li> <li>8. Oscar Romero</li> <li>9. Jesus' Mission</li> <li>10. Titles of Jesus.</li> <li>11. Jesus and the Holy Trinity.</li> <li>12. Trinity and Worship.</li> <li>13. Acting like Christ.</li> <li>14. Missionaries of Charity.</li> <li>15. Mother Teresa</li> <li>16. Holy Spirit and the Trinity.</li> <li>17. Pentecost</li> <li>18. Gifts of the Holy Spirit.</li> <li>19. Artistic Representation of the Holy Spirit.</li> <li>20. Gifts of the Holy spirit in Confirmation</li> <li>21. St Peter</li> <li>22. St Paul</li> <li>23. Why did God choose Peter and Paul?</li> </ol>	<p>Gifts of the Holy Spirit: <a href="https://www.youtube.com/watch?v=6H5qrScvc2c">https://www.youtube.com/watch?v=6H5qrScvc2c</a></p> <p>Christianity comes to England: <a href="https://www.youtube.com/watch?v=gjMkdUYm2-A">https://www.youtube.com/watch?v=gjMkdUYm2-A</a></p> <p>The Synod of Whitby: <a href="https://www.youtube.com/watch?v=qDOvkyCl8Og">https://www.youtube.com/watch?v=qDOvkyCl8Og</a></p> <p>St Hilda of Whitby talking about the synod: <a href="https://www.youtube.com/watch?v=95Bsnhlaa58">https://www.youtube.com/watch?v=95Bsnhlaa58</a></p>

		<p>24. Timeline of Christianity.  25. St Alban.  26. St Bede.  27. St Augustine and Pope Gregory.  28. Synod of Whitby.</p>	
History	<p>One written paper</p> <p>Knowledge questions</p> <p>Source skills</p> <p>Extended writing</p>	<p><b><u>West Africa:</u></b></p> <ul style="list-style-type: none"> <li>•The Kingdom of Mali and Mansa Musa</li> <li>•The Kingdom of Benin</li> <li>•The Kingdom of Songhai</li> <li>•Europeans in West Africa</li> </ul> <p><b><u>The Transatlantic Slave trade:</u></b></p> <ul style="list-style-type: none"> <li>•The trade triangle</li> <li>•The middle passage</li> <li>•Slave Auctions</li> <li>•Conditions on the plantations</li> <li>•Resistance and abolition</li> </ul>	<ul style="list-style-type: none"> <li>• Your exercise book</li> <li>• Exam technique PowerPoint and practise questions posted on Microsoft Teams</li> </ul> <p>Useful links/videos:</p> <p><b><u>West Africa</u></b></p> <ul style="list-style-type: none"> <li>•<a href="https://www.bbc.co.uk/bitesize/articles/z883gk7#zpnhp4j">https://www.bbc.co.uk/bitesize/articles/z883gk7#zpnhp4j</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/articles/zs4ptrd#z9vgbqt">https://www.bbc.co.uk/bitesize/articles/zs4ptrd#z9vgbqt</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/topics/zpvckqt">https://www.bbc.co.uk/bitesize/topics/zpvckqt</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/topics/zj4fn9q/articles/z3x4r2p#zrh896f">https://www.bbc.co.uk/bitesize/topics/zj4fn9q/articles/z3x4r2p#zrh896f</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/topics/zj4fn9q/articles/zjch6g8#zkg4cm">https://www.bbc.co.uk/bitesize/topics/zj4fn9q/articles/zjch6g8#zkg4cm</a> n</li> </ul> <p><b><u>The Transatlantic Slave Trade:</u></b></p> <ul style="list-style-type: none"> <li>•<a href="https://www.bbc.co.uk/bitesize/articles/zfkfn9q#z3jbvwx">https://www.bbc.co.uk/bitesize/articles/zfkfn9q#z3jbvwx</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/topics/z2qj6sg/articles/z6cptrd#zwy2qfr">https://www.bbc.co.uk/bitesize/topics/z2qj6sg/articles/z6cptrd#zwy2qfr</a></li> <li>•<a href="https://www.bbc.co.uk/bitesize/topics/z2qj6sg/articles/zn7rbqt">https://www.bbc.co.uk/bitesize/topics/z2qj6sg/articles/zn7rbqt</a></li> </ul>
English	<p>One Written Paper</p>	<p>Midsummer Night's Dream  Helena  Hermia  Demetrius  Lysander  Key Terminology</p>	<p>MSND Booklet and Guide to Genius-On Teams  Work in Exercise Books</p>

<p>Art</p>	<p>Classroom Assessment</p>	<p>Students will be completing artist research and will be focussing on annotation and how to write about the ways in which artists work. Students should look at what makes a successful artist research page and look through the word banks to identify any unknown words and look these up.</p> <h2 style="text-align: center;">What makes a successful artist research page?</h2> 	<h3 style="text-align: center;">Art Vocab</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; background-color: #e0f0ff;">Elements of Design</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <b>Colour:</b>  Blend Bright Clash Deep Dull Glowing Harmonious Intense Luminous Mixed Opaque Pale Pastel Primary Pure Saturated Secondary Soft Tiny Translucent Transparent Vibrant Warm </td> <td style="vertical-align: top;"> <b>Line:</b>  Angular Broken Confident Faint Flowing Fluent Free Hesitant Scribble Sweeping Jagged Dashed </td> <td style="vertical-align: top;"> <b>Texture:</b>  Course Cross-hatching Fine Flat Glaze Hatching Impasto Jagged Matt Rough Shiny Smooth Soft Splatter Thick Thin Wash </td> <td style="vertical-align: top;"> <b>Pattern:</b>  Embellish Flowing Fluid Geometric Irregular Natural Negative Order Ornamental Overlap Plain Positive Repeat Simple Spiral Stamp Stencil Structure Symmetric Uniform </td> </tr> <tr> <td style="vertical-align: top;"> <b>Tone:</b>  Bleach Bright Contrast Crisp Dark Fade Fair Gradation Harsh Intense Smooth </td> <td style="vertical-align: top;"> <b>Shape:</b>  Angular Body Conical Figure Form Frame Image Precise Sharp Uniform Vague </td> <td colspan="2"></td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">You may find the following words useful when writing about your own artwork or that of others. If there are any words you do not know then use a dictionary to look them up or ask a friend.</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="background-color: #e0f0ff;">Composition:</th> <th style="background-color: #e0f0ff;">Light:</th> <th style="background-color: #e0f0ff;">Feeling:</th> </tr> </thead> <tbody> <tr> <td>Background Blurred Complex Confused Design Distant Eye-line Focus Foreground Form Middle-ground Near Perspective Proportion Scale Shape Sharp Space Symmetry Asymmetry</td> <td>Artificial Dark Ethereal Evening Fall of light Fierce Gentle Harsh Haze Highlight Intense Light Natural Midday Night Shading Shadow Soft Source Tone\</td> <td>Alive Depressing Exciting Happy Moving Atmospheric Dignified Expressive Humorous Nostalgic Delicate Disturbing Fresh Imposing Sad</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="background-color: #fff9c4; padding: 5px; border: 1px solid black; font-size: x-small;"> <b>Sentence Starters: Artist Work</b> <ul style="list-style-type: none"> <li>In this piece I can see...</li> <li>The materials the artist has used are...</li> <li>The technique the artist has used is...</li> <li>I think this piece is about...</li> <li>The artist created this work because...</li> <li>The focal point for me is...</li> <li>The artist links to my topic because...</li> <li>I like/ dislike this work because...</li> </ul> </div> <div style="background-color: #c8e6c9; padding: 5px; border: 1px solid black; font-size: x-small;"> <b>Sentence Starters: Own Work</b> <ul style="list-style-type: none"> <li>In this piece I have...</li> <li>My work links to my artist because...</li> <li>I am proud of...</li> <li>An area I need to improve is...</li> <li>To develop this piece further I could...</li> <li>I made this piece personal to me by...</li> <li>Through working in this way I have learnt...</li> <li>The materials I have used are...</li> <li>The technique I used is...</li> </ul> </div> </div>	Elements of Design				<b>Colour:</b> Blend Bright Clash Deep Dull Glowing Harmonious Intense Luminous Mixed Opaque Pale Pastel Primary Pure Saturated Secondary Soft Tiny Translucent Transparent Vibrant Warm	<b>Line:</b> Angular Broken Confident Faint Flowing Fluent Free Hesitant Scribble Sweeping Jagged Dashed	<b>Texture:</b> Course Cross-hatching Fine Flat Glaze Hatching Impasto Jagged Matt Rough Shiny Smooth Soft Splatter Thick Thin Wash	<b>Pattern:</b> Embellish Flowing Fluid Geometric Irregular Natural Negative Order Ornamental Overlap Plain Positive Repeat Simple Spiral Stamp Stencil Structure Symmetric Uniform	<b>Tone:</b> Bleach Bright Contrast Crisp Dark Fade Fair Gradation Harsh Intense Smooth	<b>Shape:</b> Angular Body Conical Figure Form Frame Image Precise Sharp Uniform Vague			Composition:	Light:	Feeling:	Background Blurred Complex Confused Design Distant Eye-line Focus Foreground Form Middle-ground Near Perspective Proportion Scale Shape Sharp Space Symmetry Asymmetry	Artificial Dark Ethereal Evening Fall of light Fierce Gentle Harsh Haze Highlight Intense Light Natural Midday Night Shading Shadow Soft Source Tone\	Alive Depressing Exciting Happy Moving Atmospheric Dignified Expressive Humorous Nostalgic Delicate Disturbing Fresh Imposing Sad
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<p>Science</p>	<p>A 60 minute written exam</p>	<ul style="list-style-type: none"> <li>- Gas Exchange</li> <li>- Breathing</li> <li>- Drugs</li> <li>- Alcohol</li> <li>- Smoking</li> <li>- Nutrients</li> <li>- Food Tests</li> <li>- Unhealthy Diet</li> <li>- Digestive System</li> <li>- Bacteria and Enzymes in Digestion</li> <li>- Elements</li> <li>- Atoms</li> <li>- Compounds</li> <li>- Chemical Formulae</li> <li>- Polymers</li> <li>- The Periodic Table</li> </ul>	<ul style="list-style-type: none"> <li>- Diet: <a href="https://www.bbc.co.uk/bitesize/guides/zyjx6sg/revision/1">https://www.bbc.co.uk/bitesize/guides/zyjx6sg/revision/1</a></li> <li>- Digestive System: <a href="https://www.bbc.co.uk/bitesize/guides/z9pv34j/revision/1">https://www.bbc.co.uk/bitesize/guides/z9pv34j/revision/1</a></li> <li>- Health: <a href="https://www.bbc.co.uk/bitesize/guides/zy2hvp4/revision/1">https://www.bbc.co.uk/bitesize/guides/zy2hvp4/revision/1</a></li> <li>- Atoms, Elements and Compounds: <a href="https://www.bbc.co.uk/bitesize/guides/zt2hvp4/revision/1">https://www.bbc.co.uk/bitesize/guides/zt2hvp4/revision/1</a></li> <li>- The Periodic Table: , <a href="https://www.bbc.co.uk/bitesize/guides/z84wjxs/revision/1">https://www.bbc.co.uk/bitesize/guides/z84wjxs/revision/1</a></li> <li>- Polymers: <a href="https://www.bbc.co.uk/bitesize/guides/ztxnsbk/revision/1">https://www.bbc.co.uk/bitesize/guides/ztxnsbk/revision/1</a></li> <li>- Energy Stores and Transfer: <a href="https://www.bbc.co.uk/bitesize/guides/z99jq6f/revision/1">https://www.bbc.co.uk/bitesize/guides/z99jq6f/revision/1</a></li> <li>- DNA: <a href="https://www.bbc.co.uk/bitesize/guides/zp7thyc/revision/1">https://www.bbc.co.uk/bitesize/guides/zp7thyc/revision/1</a></li> </ul>																		

- The Elements of Group 1
- The Elements of Group 7
- The Elements of Group 0
- Work Energy and Machines
- Energy and Temperature
- Energy Transfer - Particles
- Energy Transfer – Radiation and Insulation
- Natural Selection
- Charles Darwin
- Extinction
- Preserving Biodiversity
- Inheritance
- DNA
- Genetics
- Genetic Modification
- Atoms in a Chemical Reaction
- Combustion
- Thermal Decomposition
- Conservation of Mass
- Exothermic and Endothermic Reactions
- Energy Level Diagrams
- Bond Energies
- Magnets and Magnetic Fields
- Electromagnets
- Using Electromagnets
- Friction and Drag
- Squashing and Stretching
- Turning Forces
- Pressure in Gases
- Pressure in Liquids
- Stress on Solids
- Global Warming
- Climate Change
- Carbon Cycle
- Extracting Metals
- Recycling
- Sound Waves
- Electromagnetic Spectrum Waves

- Species and Selective Breeding:  
<https://www.bbc.co.uk/bitesize/guides/zw4wjxs/revision/1>
- Variation:  
<https://www.bbc.co.uk/bitesize/guides/z9gk87h/revision/1>
- Evolution:  
<https://www.bbc.co.uk/bitesize/guides/zw9jq6f/revision/1>
- Types of Reaction:  
<https://www.bbc.co.uk/bitesize/guides/zqd2mp3/revision/1>
- Electromagnetism and Magnetism:  
<https://www.bbc.co.uk/bitesize/guides/z3g8d2p/revision/1>
- Pressure:  
<https://www.bbc.co.uk/bitesize/guides/zssbgk7/revision/1>
- Forces: <https://www.bbc.co.uk/bitesize/guides/zttfyrd/revision/1>
- Fossil Fuels:  
<https://www.bbc.co.uk/bitesize/guides/z27thyc/revision/1>
- Impact of Human Activity:  
<https://www.bbc.co.uk/bitesize/guides/zt6sfg8/revision/1>
- Light: <https://www.bbc.co.uk/bitesize/guides/zq7thyc/revision/1>
- Features of Waves:  
<https://www.bbc.co.uk/bitesize/guides/zgr8d2p/revision/1>
- Sound Waves:  
<https://www.bbc.co.uk/bitesize/guides/z8d2mp3/revision/1>
- Respiration:  
<https://www.bbc.co.uk/bitesize/guides/zq349j6/revision/1>
- Photosynthesis:  
<https://www.bbc.co.uk/bitesize/guides/zpwmxnb/revision/1>

		<ul style="list-style-type: none"> <li>- Modelling Waves</li> <li>- Aerobic Respiration</li> <li>- Anaerobic Respiration</li> <li>- Biotechnology</li> <li>- Photosynthesis</li> <li>- Leaf Adaptations</li> <li>- Plant Minerals</li> <li>- Investigating Photosynthesis</li> <li>- Hypotheses</li> <li>- Equipment, Methods and Risk Assessments</li> <li>- Preliminary Assessments</li> <li>- Result Collections (Using Tables)</li> <li>- Graphs</li> <li>- Evaluating Results and Conclusions</li> </ul>	
Geography	<p>1 written paper – 40 minutes</p> <p>Knowledge Questions</p> <p>Atlas skill questions</p> <p>Decision-making</p>	<ul style="list-style-type: none"> <li>• Reasons why Mountain Gorillas are threatened in the DRC.</li> <li>• Creating a climate graph to show rainfall and temperature of a place.</li> <li>• Advantages and disadvantages of a dam.</li> <li>• Features of a TNC.</li> <li>• Environmental impacts of trainer manufacturing.</li> <li>• Map to locate some of the world’s major rivers.</li> <li>• Impact of plastic pollution on our oceans.</li> <li>• Features of a glacier.</li> <li>• Different types of erosion.</li> <li>• Reasons for the tide.</li> <li>• Erosion of a headland</li> <li>• Decision making about how to manage coastal erosion.</li> </ul>	<p>Exercise Books</p> <p>Resources on TEAMS</p> <p><a href="https://my.educake.co.uk/student-login">https://my.educake.co.uk/student-login</a></p>
French		<p><b>Freetime:</b></p> <ul style="list-style-type: none"> <li>- TV programmes and films</li> <li>- Reading</li> <li>- Internet</li> <li>- Activities</li> </ul>	<p>★ <b>Memrise</b></p> <p>-&gt; Studio rouge</p> <p><a href="https://app.memrise.com/group/506141/">https://app.memrise.com/group/506141/</a></p>

		<p><b>Social life:</b></p> <ul style="list-style-type: none"> <li>- Self-description</li> <li>- Social network</li> <li>- Going out</li> <li>- Events</li> </ul> <p><b>Travel and tourism:</b></p> <ul style="list-style-type: none"> <li>- Paris (landmarks, activities, opinion)</li> <li>-Countries</li> <li>-Holiday stories</li> <li>-Holiday disasters</li> </ul> <p><b>Grammar points:</b></p> <ul style="list-style-type: none"> <li>.Past (<i>j'ai mangé, je suis allée</i>)</li> <li>.Present (<i>je mange</i>)</li> <li>.Future (<i>Je vais manger</i>)</li> <li>.Reflexive verbs (<i>je me couche</i>)</li> <li>.Adjectives (<i>intéressant, ennuyeux</i>)</li> </ul> <p><b>Other key-points</b></p> <ul style="list-style-type: none"> <li>-<i>J'aime, j'adore, je n'aime pas, je déteste</i></li> <li>-<i>Parce que, car</i></li> <li>-<i>c'est / c'était</i></li> <li>-<i>et, mais, aussi, cependant</i></li> </ul>	<ul style="list-style-type: none"> <li>★ Exercise book</li> <li>★ Teams</li> <li>★ BBC Bitesize:</li> </ul> <p><a href="https://www.bbc.co.uk/bitesize/subjects/zgdqxn">https://www.bbc.co.uk/bitesize/subjects/zgdqxn</a></p>
Spanish	One written paper (60 mins)	<p>Key topics</p> <ul style="list-style-type: none"> <li>• Food and mealtimes</li> <li>• Clothes (including colours)</li> <li>• Places in town</li> <li>• Making plans</li> <li>• Making excuses</li> <li>• Daily routine</li> </ul> <p>Key grammar</p> <ul style="list-style-type: none"> <li>• Present tense</li> <li>• Preterite tense</li> <li>• Near future tense</li> <li>• Reflexive verbs (e.g. me ducho, me visto)</li> </ul>	<ul style="list-style-type: none"> <li>• Classwork in books</li> <li>• Previous mini-tests</li> <li>• Lesson slides on Teams</li> <li>• BBC Bitesize: <a href="https://www.bbc.co.uk/bitesize/subjects/zfckjxs">https://www.bbc.co.uk/bitesize/subjects/zfckjxs</a></li> <li>• Seneca (link to our class will be posted on Teams)</li> </ul>

Portuguese		<p>-About me:          -Birthday and festive days          -Daily Routine          -Mealtimes          -Travelling preferences          -Spending money          -Hobbies and activities          -Travelling and weekend plans</p> <p><b>Key Grammar</b>          - Extended sentences, Justification Simple Present / Expressing Preferences</p> <p><b>Key Vocabulary:</b>          Free time - cinema, computador, Internet...          Shopping- Compras, loja, roupa...          Travelling - viajar, férias, avião, praia...          Family - pai, mãe, filho....          Physical appearance - alto, baixo, loiro, moreno...          Festive Days- aniversário, Natal...</p> <ul style="list-style-type: none"> <li>• <b>Writing:</b> Ability to read instructions, use information to create text and write short sentences or complete them.</li> <li>• <b>Reading / Listening:</b> Ability to understand, locate and select information of a short text or a short recording, according to the instruction.</li> <li>• <b>Translation:</b> ability to translate short sentences from English to Portuguese and from Portuguese to English.</li> <li>• <b>Grammar:</b> ability to reuse the grammar worked in class in a similar and /or different context.</li> </ul>	<p>On Teams:  <a href="#">General</a></p> <p><a href="https://teams.microsoft.com/l/team/19%3ajqoMHq1HQQ_QnvWat3dRuS_mv5JmAqRDCcvNpASxew1w1%40thread.tacv2/conversations?groupId=0dbac321-af1e-43a3-8791-55b7618d21b0&amp;tenantId=e07d3c1a-daf6-4393-9c3d-1c5648a54c41">https://teams.microsoft.com/l/team/19%3ajqoMHq1HQQ_QnvWat3dRuS_mv5JmAqRDCcvNpASxew1w1%40thread.tacv2/conversations?groupId=0dbac321-af1e-43a3-8791-55b7618d21b0&amp;tenantId=e07d3c1a-daf6-4393-9c3d-1c5648a54c41</a></p> <p>Duolingo:  <a href="https://www.duolingo.com/course/pt/en/Learn-Portuguese">https://www.duolingo.com/course/pt/en/Learn-Portuguese</a></p> <p>YouTube:  <a href="https://www.youtube.com/results?search_query=portugues">https://www.youtube.com/results?search_query=portugues</a></p> <p>BBC:  <a href="https://www.bbc.co.uk/languages/portuguese/">https://www.bbc.co.uk/languages/portuguese/</a></p>
Computing	<p>45 minute exam.</p> <p>Mix of multiple choice, short and long</p>	<p>Design Vector Graphics</p> <ul style="list-style-type: none"> <li>• Getting into Shapes</li> <li>• Paths united</li> <li>• Icon challenges</li> <li>• Creating open-ended image using the tools</li> <li>• Technical aspects of Vector graphics</li> </ul>	<p>BBC Bitesize:</p> <p>Binary</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1">https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1</a></p> <p>Login Gates  <a href="https://www.bbc.co.uk/bitesize/guides/zxb72hv/revision/3">https://www.bbc.co.uk/bitesize/guides/zxb72hv/revision/3</a></p>



	<p>answer questions.</p>	<p>Computing systems</p> <ul style="list-style-type: none"> <li>• How are they different from the other machineries</li> <li>• Different communication components in a computer</li> <li>• Operating system and how they bridge between Man and Machine</li> <li>• Hierarchical components in a computer</li> <li>• Artificial intelligence and Logical thinking</li> </ul> <p>Developing a webpage using HTML</p> <ul style="list-style-type: none"> <li>• Creating your own webpage</li> <li>• Adding images and other features to the webpage</li> </ul> <p>Representations: from clay to silicon</p> <ul style="list-style-type: none"> <li>• Representations using symbols and language development</li> <li>• Encoding, Decoding and Transmitting messages using coding schemes</li> <li>• Binary Digits and equivalent to Alphanumerics</li> <li>• Numbering system in Binary and Addition in Binary</li> <li>• Large Quantities of measurements – Mega, Giga and Tera in devices</li> </ul> <p>Mobile app development</p> <ul style="list-style-type: none"> <li>• Developing an Mobile Game using application softwares</li> <li>• Sequencing, Iteration and Selection in Programming</li> <li>• User inputs, variable and datatypes in Programming</li> </ul>	<p>Binary Representations</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zxxbgk7/revision/1">https://www.bbc.co.uk/bitesize/guides/zxxbgk7/revision/1</a></p> <p>Logical Reasoning</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/z8jfyrd/revision/1">https://www.bbc.co.uk/bitesize/guides/z8jfyrd/revision/1</a></p> <p>Programming Basics</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zwmbgk7/revision/1">https://www.bbc.co.uk/bitesize/guides/zwmbgk7/revision/1</a></p>
DT	<p>Written paper with drawing question</p>	<p>Year 8:</p> <ul style="list-style-type: none"> <li>• Health and safety</li> <li>• Tools and machinery</li> <li>• Metals</li> <li>• CAD</li> <li>• Timbers</li> <li>• Joinery techniques</li> <li>• Drawing techniques (iso, ortho, 1 pt pers.)</li> </ul>	<p><a href="https://www.bbc.co.uk/bitesize/subjects/z23vkvh">https://www.bbc.co.uk/bitesize/subjects/z23vkvh</a></p>