

# YEAR 10 REVISION LIST 2022

<p><b>English</b></p>	<p><b>Paper 1</b></p> <ul style="list-style-type: none"> <li>• Explorations in creative reading and writing (Fictional text).</li> <li>• Writers' methods – language devices and their effects / Structural devices and their effects / Writing to describe and narrate.</li> <li>• Spelling, punctuation and grammar.</li> </ul> <p><b>Paper 2</b></p> <ul style="list-style-type: none"> <li>• Writers' viewpoints and perspectives (Non-fiction Texts).</li> <li>• Writers' methods – language devices and their effects / Structural devices and their effects / Comparisons skills – summary of ideas in a text.</li> <li>• Identification and comparison of writer's viewpoints. Writing to argue and persuade. Spelling, punctuation and grammar.</li> </ul>	
<p><b>Maths</b></p>	<p><b>Year 10 Foundation Revision Topics – Paper 1</b></p> <p><b><u>Number</u></b></p> <ul style="list-style-type: none"> <li>• Fractions</li> <li>• Fraction decimal percentage conversion</li> <li>• Square, cubes and roots</li> <li>• Multiplication and division</li> <li>• Proportion</li> <li>• Percentages</li> <li>• Conversion graphs</li> </ul> <p><b><u>Shape</u></b></p> <ul style="list-style-type: none"> <li>• Convert units</li> <li>• Angles</li> <li>• Perimeter</li> <li>• Construction</li> <li>• Draw a plan of a solid</li> </ul>	<p><b>Year 10 Higher Revision Topics – Paper 1</b></p> <p><b><u>Number</u></b></p> <ul style="list-style-type: none"> <li>• Estimate calculations</li> <li>• Standard form</li> <li>• Recurring decimals</li> <li>• Error intervals and bounds</li> <li>• Ratio</li> </ul> <p><b><u>Shape &amp; Space</u></b></p> <ul style="list-style-type: none"> <li>• Compound measure</li> <li>• Volume</li> <li>• Transformation</li> <li>• Speed distance time graphs</li> </ul> <p><b><u>Algebra</u></b></p> <ul style="list-style-type: none"> <li>• Indices</li> </ul>



	<p><b><u>Algebra</u></b></p> <ul style="list-style-type: none"> <li>• Sequences</li> <li>• Simplify algebraic expressions</li> <li>• Solve a linear equation</li> <li>• Solve inequalities</li> <li>• Indices</li> </ul> <p><b><u>Handling Data &amp; Probability</u></b></p> <ul style="list-style-type: none"> <li>• Interpret a bar chart</li> <li>• Averages</li> <li>• Probability</li> </ul>	<ul style="list-style-type: none"> <li>• Solve an inequality</li> <li>• Use a graph to solve equations</li> <li>• Algebraic fractions</li> <li>• Expand brackets</li> </ul> <p><b><u>Handling Data &amp; Probability</u></b></p> <ul style="list-style-type: none"> <li>• Probability</li> <li>• Means</li> <li>• Histograms</li> </ul>	
<p><b>Science</b></p>	<p><a href="https://hamblescience.co.uk/students/">https://hamblescience.co.uk/students/</a></p>		
	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>• Cell Division and transport</li> <li>• Organisation</li> <li>• Plant tissues, organs and Bioenergetics</li> <li>• Infection and response</li> </ul>	<p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>• Atomic Structure</li> <li>• The Periodic Table</li> <li>• Bonding and structure of substances</li> <li>• Properties of substances</li> <li>• Use of amount of substance in relation to volumes of gases</li> <li>• Reactions of Acids and Alkali's</li> <li>• Chemical changes</li> <li>• Energy changes in a system, and ways energy is stored before and after changes</li> </ul>	<p><b>Physics</b></p> <ul style="list-style-type: none"> <li>• Electricity</li> <li>• Series and parallel circuits</li> <li>• Particle model of matter</li> <li>• Radiation and Atoms</li> </ul>
<p><b>French</b></p>	<ul style="list-style-type: none"> <li>• <b>Module 1 – Qui suis-je ?</b> <ul style="list-style-type: none"> <li>○ Talking about friends and what makes a good friend</li> <li>○ Talking about family relationships</li> <li>○ Making arrangements to go out</li> <li>○ Describing a night out with friends</li> <li>○ Talking about your life when you were younger</li> </ul> </li> </ul>		



	<ul style="list-style-type: none"> <li>• <b>Module 2 – Le temps des loisirs</b> <ul style="list-style-type: none"> <li>○ Talking about sport</li> <li>○ Talking about your life online</li> <li>○ Talking about books and reading</li> <li>○ Talking about television programmes, actors and films</li> </ul> </li> <li>• <b>Module 3 – Jours ordinaires, jours de fête</b> <ul style="list-style-type: none"> <li>○ Describing your daily life</li> <li>○ Talking about food for special occasions</li> <li>○ Using polite language</li> <li>○ Describing family celebrations</li> <li>○ Describing festivals and traditions</li> </ul> </li> <li>• <b>Module 4 – De la ville à la campagne</b> <ul style="list-style-type: none"> <li>○ Describing a region</li> <li>○ Talking about your town, village or district</li> <li>○ Discussing what to see and do</li> <li>○ Discussing plans and the weather</li> <li>○ Describing community projects</li> </ul> </li> <li>• <b>Module 5 – Le grand large...</b> <ul style="list-style-type: none"> <li>○ Talking about an ideal holiday</li> <li>○ Booking and reviewing hotels</li> <li>○ Ordering in a restaurant</li> <li>○ Talking about travelling</li> <li>○ Buying souvenirs</li> <li>○ Talking about holiday disasters</li> </ul> </li> <li>• <b>Module 6 – Au collège</b> <ul style="list-style-type: none"> <li>○ Talking about your school</li> <li>○ Comparing school in the UK and French-speaking countries</li> <li>○ Discussing school rules</li> <li>○ Discussing healthy living and vices</li> <li>○ Talking about a school exchange</li> </ul> </li> </ul>
<b>Spanish</b>	<ul style="list-style-type: none"> <li>• <b>Unit 1 - Discussing holidays</b> (express holiday preferences, weather, describe a trip in the past, give opinions in the past, book accommodation, deal with problems and understand higher numbers)</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Unit 2 - School life</b> (describe and give opinions on school, school subjects, uniform and teachers, discuss school rules, distinguish between the preterite and imperfect tenses, talk about clubs and school successes and identify the near future tense)</li> <li>• <b>Unit 3 - People and relationships</b> (talk about family and socialising, describe people, relationships and social networks, reading preferences, <b>para + infinitive</b>, <b>ser</b> and <b>estar</b>)</li> <li>• <b>Unit 4 - Interests and influences</b> (free time activities, tv and film preferences, <b>suelo + infinitive</b>, sports, entertainments, recognise different tenses, talk about what you used to do using the imperfect tense, <b>mucho</b>, <b>demasiado</b>, <b>otro</b>, <b>alguno</b>)</li> <li>• <b>Unit 5 - My region</b> (describe your region, express the pros and cons of your area, future tense, asking questions and responding to them, <b>se puede(n) + infinitive</b>, shopping for gifts and clothes, <b>tan</b> and <b>tanto</b>)</li> </ul>
<p><b>Geography</b></p>	<p><b>Paper 1</b> UK Physical Landscapes</p> <ul style="list-style-type: none"> <li>• Coasts in the UK – processes, landforms and management</li> <li>• Coast examples: Dorset coastline and West Bay</li> <li>• The Living World – Small Scale Ecosystems, Tropical Rainforests and Hot Deserts</li> <li>• The Living World examples: Hedgerows, Malaysia rainforest, The Sahara desert</li> <li>• The Challenge of Natural Hazards – Tectonic Hazards, Weather Hazards and Climate Change</li> <li>• The Challenge of Natural Hazards examples: Nepal and New Zealand earthquakes, Typhoon Haiyan, Storm Eunice</li> </ul> <p><b>Paper 2</b></p> <ul style="list-style-type: none"> <li>• Urban Challenges in cities in LICs, NEEs and HICs</li> <li>• Urban examples: Southampton (HIC) and Rio de Janeiro</li> <li>• The Challenge of Resource Management in the UK (Energy, water and food)</li> <li>• Fieldwork in Swanage</li> </ul>



	<p>GCSE Pods Paper 1: <a href="https://members.gcsepod.com/pupils/assignments/assignment/1010082">https://members.gcsepod.com/pupils/assignments/assignment/1010082</a></p> <p>GCSE Pods Paper 2: <a href="https://members.gcsepod.com/pupils/assignments/assignment/1010085">https://members.gcsepod.com/pupils/assignments/assignment/1010085</a></p> <p>BBC Bitesize: <a href="https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc">https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc</a></p>
<b>History</b>	<ul style="list-style-type: none"> <li>• Crime and Punishment, Cold War, Early Elizabethan England and Weimar &amp; Nazi Germany</li> </ul> <p><b>Revision guides are created by Mr Wickenden and are placed on Class Charts</b></p>
<b>Religious Studies</b>	<p>Students need to revise the following 4 topics:</p> <ol style="list-style-type: none"> <li>1. Relationships and Family - Family Life, Sex &amp; Relationships, Contraception, Marriage, Divorce and Gender Discrimination.</li> <li>2. Religion and Life - Origins of the universe and life, stewardship, abortion, Euthanasia and Life after Death.</li> <li>3. Crime and Punishment - Crime, Punishment, The Death Penalty, Good, Evil and Suffering.</li> <li>4. Human Rights and Social Justice - Human Rights, Prejudice and Discrimination, Discrimination, Social Justice, Wealth Inequality.</li> </ol>
<b>Computer Science</b>	<ul style="list-style-type: none"> <li>• Hardware and Computer Systems</li> <li>• Algorithms</li> <li>• Programming – Python</li> <li>• Data</li> <li>• Issues and Impact</li> </ul> <ul style="list-style-type: none"> <li>• <a href="https://www.bbc.co.uk/bitesize/levels/z98jmp3">https://www.bbc.co.uk/bitesize/levels/z98jmp3</a></li> <li>• <a href="http://www.gcsecs.com/">http://www.gcsecs.com/</a></li> <li>• <a href="https://senecalearning.com/en-GB/">https://senecalearning.com/en-GB/</a></li> <li>• <a href="https://livewithcode.uk">https://livewithcode.uk</a></li> <li>• <a href="https://projects.raspberrypi.org/en/codeclub">https://projects.raspberrypi.org/en/codeclub</a></li> <li>• <a href="https://www.gcsepod.com/">https://www.gcsepod.com/</a></li> <li>• <a href="https://craigndave.org/">https://craigndave.org/</a></li> </ul>
<b>Business Studies</b>	<p><b>Building a business</b></p> <p><b>2.1 Growing the business</b></p> <p>2.1.1 - Business growth</p> <p>2.1.2 - Changes in business aims and objectives</p> <p>2.1.3 - Business and globalisation</p>



	<p>2.1.4 - Business ethics</p> <p><b>2.2 Making marketing decisions</b>  2.2.1 - Product  2.2.2 - Price  2.2.3 – Promotion  2.2.4 - Place  2.2.5 - Using the marketing mix to make business decisions</p> <p><b>2.3 Making operational decisions</b>  2.3.1 - Business operations  2.3.2 - Working with suppliers  2.3.3 - Managing quality  2.3.4 - The sales process</p> <p><b>2.4 Making financial decisions</b>  2.4.1 - Business calculations (gross net profit margin and average rate of return)  2.4.2 - Understanding business performance</p> <p><b>2.5 Making human resource decisions</b>  2.5.1 - Organisational structures  2.5.2 - Effective recruitment  2.5.3 - Effective training and development  2.5.4 - Motivation in the workplace</p>
<b>Design &amp; Technology</b>	<ul style="list-style-type: none"> <li>• User centred design</li> <li>• Material uses and properties</li> <li>• Material processes</li> <li>• Design brief and specification</li> <li>• CAD CAM</li> <li>• Automation</li> <li>• Industry and enterprise</li> </ul>
<b>Food Preparation &amp;</b>	<ul style="list-style-type: none"> <li>• Macro and micronutrients</li> </ul>



<b>Nutrition</b>	<ul style="list-style-type: none"> <li>• Food security</li> <li>• Food science</li> <li>• Functional and chemical properties of ingredients</li> <li>• Food science</li> <li>• Gelatinisation, dextrinisation, fermentation, emulsification</li> <li>• Food science investigation and practical skills</li> </ul>
<b>Drama</b>	<ul style="list-style-type: none"> <li>• Live Theatre Review (Small Island)</li> <li>• Please prepare to write a Live Theatre review on one of the following aspects; Acting and Performance, Costume Design, Set Design</li> <li>• <a href="https://www.bbc.co.uk/bitesize/guides/zkjsxyc/revision/1">https://www.bbc.co.uk/bitesize/guides/zkjsxyc/revision/1</a></li> <li>• Small Island performance – Link and password available on class charts for anyone wishing to watch/revisit the performance (highly recommended)</li> </ul>
<b>Media Studies</b>	<ul style="list-style-type: none"> <li>• Music videos: If I were a boy and Uptown Funk</li> <li>• Radio 1 Live Lounge</li> <li>• MOJO magazine</li> <li>• The Observer online, social media and modern front covers</li> <li>• Representation theory (social groups)</li> <li>• The Male Gaze</li> <li>• Social, cultural, political and historical contexts</li> <li>• Audience theory (ABC1 scale and 4C's)</li> <li>• Uses and gratifications</li> </ul>
<b>Music</b>	<ul style="list-style-type: none"> <li>• Revision Cards</li> <li>• Film: Little Shop of Horrors</li> </ul>
<b>BTEC Art</b>	<a href="https://qualifications.pearson.com/content/dam/pdf/BTEC-Firsts/Art-and-Design/2012/Specification-and-sample-assessments/9781446936061_BTECFIRST_L12_AWD_AD_Iss3.PDF">https://qualifications.pearson.com/content/dam/pdf/BTEC-Firsts/Art-and-Design/2012/Specification-and-sample-assessments/9781446936061_BTECFIRST_L12_AWD_AD_Iss3.PDF</a>
<b>GCSE Art</b>	<p>To prepare, student should spend time designing their final piece and practicing some of the techniques.</p> <p><a href="https://www.bbc.co.uk/bitesize/subjects/z6hs34j">https://www.bbc.co.uk/bitesize/subjects/z6hs34j</a></p> <p>They should also spend some time finishing off their sketchbooks.</p> <p>This is the art section of BBC bitesize which has lots of helpful videos and hints.</p>



## GCSE Photography

- Students can use this website to help them find relevant photographers work:  
<https://www.ignant.com/category/photography/>  
<https://thephotographersgallery.org.uk/>  
<https://photographyrevision.com/50-photographers-to-study/>
- Look at BBC bitesize for different types of photography and how to use different camera settings/lighting:  
<https://www.bbc.co.uk/bitesize/guides/zgwpnbk/revision/1>
- Students can use this website to choose their experiments outside of the lesson. All of these experiments are PhotoShop based and carefully broken down:  
<https://www.youtube.com/c/QuentinCarpenterNatureofflowers>

