



# Y11 PPE\* Assessment Week – September 2025



Subjects highlighted in yellow are core subjects, so all students should revise these. Students should then only revise their options choices from the other subjects listed. **\*Pre-public Examinations**

The exam board is listed for each subject. This is a live link to past papers on the exam board’s website for each subject.

Subject	Revision Topics and Tasks
<b>Art</b> <a href="#">AQA</a>	No exam in this subject
<b>Biology</b> <a href="#">AQA</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• AQA Paper 1</li> <li>• Cell Biology - Cell structure, microscopy and magnification, cell division, stem cells and transport in cells</li> <li>• Organisation - Principles of organisation, human digestive system, enzymes and their role in digestion, circulatory system, non-communicable disease, plant tissues and transport systems</li> <li>• Infection and Response - Communicable diseases, human defence systems, vaccination, antibiotics and painkillers, discovery and development of drugs, monoclonal antibodies, plant diseases and defences</li> <li>• Bioenergetics - Photosynthesis, uses of glucose in plants, respiration, response to exercise, metabolism</li> </ul> <p>If you are studying combined science your teacher will tell you which sub-topics you do not need to revise</p> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Tasks will be set each week by teachers.</li> <li>• You could also use BBC bitesize, Seneca learning. Physics and maths tutor for revision resources.</li> <li>• <a href="#">GCSE - England - BBC Bitesize</a> select AQA biology or AQA combined science</li> <li>• <a href="https://app.senecalearning.com/">https://app.senecalearning.com/</a></li> <li>• <a href="#">Physics &amp; Maths Tutor</a></li> </ul>
<b>Business Studies</b> <a href="#">Edexcel</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Edexcel Business Theme 1</li> <li>• Topic 1.1 Enterprise and entrepreneurship</li> <li>• Topic 1.2 Spotting a business opportunity</li> <li>• Topic 1.3 Putting a business idea into practice</li> <li>• Topic 1.4 Making the business effective</li> <li>• Topic 1.5 Understanding external influences on business</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Completing past paper questions</li> <li>• Using the textbooks provided to make knowledge organisers/mindmaps/keyword cards</li> <li>• Use structure sheet – if you fail to remember structure you will lose majority of the marks</li> </ul>

**Chemistry**  
**AQA**

Revision topics:

- AQA Paper 1
- Atomic Structure and the Periodic Table - Atoms, elements and compounds, mixtures and separation techniques, atomic model, isotopes, groups of the periodic table
- Bonding - Structure and the properties of matter, ionic bonding, covalent bonding, metallic bonding, giant covalent structures, nanoparticles and their uses, states of matter and changes of state
- Quantitative Chemistry - Conservation of mass and balanced equations, relative formula mass, moles and Avogadro's constant, calculating masses and empirical formulae, concentrations of solutions, percentage yield and atom economy (much of this is not in combined science)
- Chemical Changes - Reactivity of metals, displacement reactions, extraction of metals and reduction, acids and bases, neutralisation and salt production, the pH scale and indicators, electrolysis of molten compounds and aqueous solutions
- Energy Changes - Exothermic and endothermic reactions, reaction profiles, bond energy calculations

If you are studying combined science your teacher will tell you which sub-topics you do not need to revise

Revision tasks:

- Tasks will be set each week by teachers.
- You could also use BBC bitesize, Seneca learning. Physics and maths tutor for revision resources.
- [GCSE - England - BBC Bitesize](#) select AQA biology or AQA combined science
- <https://app.senecalearning.com/>
- [Physics & Maths Tutor](#)

**Computer Science**  
**OCR**

Revision topics:

- 1.1 Systems architecture
- 1.2 Memory and storage
- 1.3 Computer networks, connections and protocols
- 1.4 Network security
- 1.5 Systems software
- 1.6 Ethical, legal, cultural and environmental impacts of digital technology

Revision tasks:

- Please use seneca to revise for this assessment on the link provided via Satchel One.
- Please do not attempt to complete the whole task in one go, please break it down into smaller chunks. Aim to do 30 minutes at a time and prioritise areas where you have knowledge gaps.
- I have also provided a sample exam paper and mark scheme for you to complete and self assess via Satchel One
- Any questions, please email me: [rwaller@bradfield.sheffield.sch.uk](mailto:rwaller@bradfield.sheffield.sch.uk)

<b>Drama</b> <a href="#">WJEC</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Play Review (Little Shop of Horrors) Section B C3 exam.</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Revision of style, character skills (focus on voice and movement)</li> <li>• Structure of a play review answer</li> <li>• Knowledge Organiser (how to write an effective play review).</li> <li>• Practice questions (past papers).</li> </ul>
<b>Engineering</b> <a href="#">OCR</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Material Areas – Timber, Textiles, Metals, Polymer, Paper &amp; Board</li> <li>• Standardised Components</li> <li>• Anthropometric &amp; Ergonomic Data – why is it important?</li> <li>• Maths Q's - Parts of a circle, circumference, area, percentages, ratio, bar charts.</li> <li>• Quality Control methods – jigs, templates, simulation.</li> <li>• Electronic components – Inputs, process, outputs.</li> <li>• Types of motion</li> <li>• How do designers market products?</li> <li>• How do designers communicate design ideas and concepts?</li> <li>• Renewable Energies – Adv &amp; Dis</li> <li>• Level mechanisms</li> <li>• Recycle V Upcycle – the differences &amp; examples</li> </ul> <p><b>SECTION B</b></p> <ul style="list-style-type: none"> <li>• Commercial manufacture methods for Design Engineering – cutting, shaping, finishing, joining</li> <li>• Environmental impacts of different finishes in your in depth principle (Design Engineering)</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Use BBC Bitesize OCR – All sections for core principles</li> <li>• BBC Bitesize OCR – In depth Principles – Design Engineering</li> <li>• KS4 Knowledge organisers in Student Sharepoint – orange folder.</li> </ul>
<b>English Language</b> <a href="#">AQA</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• AQA English Language Paper 1</li> <li>• Versatile vocabulary</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Mr Bruff revision <a href="#">2026 AQA English Language Paper 1 Question 1: Your Guide</a></li> <li>• BBC Bitesize revision <a href="#">GCSE English Language - AQA - BBC Bitesize</a></li> <li>• Question wording and structure – using Student Sharepoint copies of Language Paper 1 booklet</li> <li>• AQA Revision <a href="#">AQA English Revision</a></li> </ul>
<b>English Literature</b> <a href="#">AQA</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• AQA English Literature Paper 2</li> <li>• Versatile vocabulary</li> <li>• 'An Inspector Calls' plot</li> <li>• 'An Inspector Calls' characters and themes</li> <li>• Power and Conflict Anthology poems and pairs</li> <li>• Power and Conflict themes</li> </ul>

	<p>Revision tasks:</p> <p>Section A</p> <ul style="list-style-type: none"> <li>• Look, cover, check using Knowledge Organiser</li> <li>• Ensure all Power and Conflict poem annotations are completed for poems covered</li> <li>• Watch BBC adaptation <a href="#">An Inspector Calls (2015)</a> *Age certificate 12</li> <li>• Mr Bruff revision videos <a href="#">mr bruff an inspector calls - YouTube</a></li> <li>• BBC Bitesize <a href="#">Modern drama - GCSE English Literature - BBC Bitesize</a></li> <li>• AQA Revision <a href="#">AQA English Revision - An Inspector Calls</a></li> <li>• Quotation analysis – using Student Sharepoint for copies of the ‘An Inspector Calls’ booklet</li> </ul> <p>Section B</p> <ul style="list-style-type: none"> <li>• Quotation analysis – using Student Sharepoint for copies of the Power and Conflict booklet</li> <li>• Mr Bruff revision videos <a href="#">AQA 'Power and Conflict' Poetry - YouTube</a></li> <li>• BBC Bitesize <a href="#">Poems - GCSE English Literature - BBC Bitesize</a></li> </ul> <p>Section C</p> <ul style="list-style-type: none"> <li>• Mr Bruff revision videos <a href="#">Mr Bruff Unseen Poetry - YouTube</a></li> <li>• BBC Bitesize <a href="#">Overview - Responding to poetry - AQA - GCSE English Literature Revision - AQA - BBC Bitesize</a> and <a href="#">What to look for in a poem - Responding to poetry - AQA - GCSE English Literature Revision - AQA - BBC Bitesize</a></li> <li>• AQARevision <a href="#">AQA English Revision</a></li> </ul>
<b>Food</b>	Information to follow
<p><b>French</b>  <b>AQA</b>  <i>Check with your teacher about using past papers as this is a new course for this year!</i></p>	<p><b>Reading and listening paper</b></p> <p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Identity and relationships with others (friends, family, your plans for the future)</li> <li>• Healthy living and lifestyle (sports, food, healthy and unhealthy habits)</li> <li>• Education and work</li> <li>• Free time activities (sport, music, describing a past weekend)</li> <li>• Customs, festivals, and celebrations</li> <li>• Celebrity culture (current topic)</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Go through your Knowledge Organisers (attached on Satchel One if you don't have your original ones) and highlight useful vocabulary you don't know. This will be personal to you – the number of words you pick needs to be an amount you can confidently revise. Your teacher will show you how to think about which words to choose.</li> <li>• Once you have highlighted these words, revise them however best suits you: look, cover, write, check; flashcards; having someone test you</li> <li>• Complete practice questions on BBC bitesize – links on Satchel One</li> <li>• Optional: buy a revision book and work through the exercises (links on Satchel One)</li> </ul>

<b>Geography</b> <a href="#">AQA</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Pre-release booklet. This will be published via Satchel and in lesson.</li> <li>• Fieldwork: <ul style="list-style-type: none"> <li>○ General fieldwork skills</li> <li>○ Human and physical fieldwork completed by students</li> </ul> </li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Completion of pre-release booklet in lessons</li> <li>• Use knowledge organisers published via Satchel to self quiz, create flashcards and mind mapping, etc.</li> <li>• Work through past paper questions. Examples can be found <a href="#">here</a>.</li> </ul>
<b>Health and Social Care</b> <a href="#">Pearson</a>	<p>No exam in this subject</p>
<b>History</b> <a href="#">Edexcel</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Germany 1918-39 Paper 3L Weimar Germany, Rise of Hitler, Nazi control &amp; Hitler’s creation of a dictatorship and Women’s lives in Nazi Germany</li> <li>• Paper 3 interpretation and source answer technique</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Complete Satchel One revision quizzes</li> <li>• Use knowledge organisers, <a href="#">Germany booklet</a>, and revision cards to make flashcards, mind maps and self-quiz .These can be found <a href="#">here</a></li> <li>• Revise however best suits you: look, cover, write/talk, check &amp; having someone test you</li> <li>• Use GCSE Edexcel History bitesize for revision support and quizzes</li> <li>• Work through past paper questions <a href="#">Practice exams</a> and <a href="#">revise answer techniques</a> (example exam paper answers guide) <a href="#">here</a>:</li> </ul>
<b>Maths</b> <a href="#">Edexcel</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Full <b>Edexcel</b> GCSE calculator paper (Paper 1 Foundation /Paper 4 Higher)  <a href="#">Foundation topics</a> <a href="#">Higher Topics</a></li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Exam papers set on <a href="#">Dr Frost Maths</a></li> </ul>
<b>Music</b> <a href="#">AQA</a>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Full Section A (AOS1-4) and Question 9 (Queen)</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Practice listening and reviewing using DR P SMITH and Suggested Listening AQA</li> <li>• Revision booklet in folders for Queen</li> <li>• Use student SharePoint resources under ‘Listening’ for Section A</li> <li>• Practice questions to be completed in class</li> <li>• Reading and annotating past paper questions to familiarize language and wording of questions (in student SharePoint under past papers).</li> </ul>
<b>PE</b> <a href="#">AQA</a>	<p>Paper 2 – all topics</p> <ul style="list-style-type: none"> <li>• Sports psychology</li> <li>• Socio-cultural influences</li> <li>• Health, fitness and well-being</li> <li>• Use of data</li> </ul>

**Physics**  
**AQA**

Revision topics:

- AQA Paper 1
- Energy - Energy stores and systems, changes in energy, energy transfers, power and efficiency, national and global energy resources
- Electricity - Current, potential difference and resistance, series and parallel circuits, domestic uses and safety, energy transfers in electrical appliances, the National Grid
- Particle Model of Matter - Density of materials, changes of state, internal energy and energy transfers, specific heat capacity and specific latent heat, particle motion in gases and pressure
- Atomic Structure - The structure of the atom, isotopes and radioactive decay, nuclear equations, half-life and radioactive activity, contamination and irradiation, uses and dangers of radiation, background radiation, nuclear fission and fusion

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Revision tasks:

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**Product Design**  
**OCR**

Revision topics:

- Material Areas – Timber, Textiles, Metals, Polymer, Paper & Board
- Standardised Components
- Anthropometric & Ergonomic Data – why is it important?
- Maths Q's - Parts of a circle, circumference, area, percentages, ratio, bar charts.
- Quality Control methods – jigs, templates, simulation.
- Electronic components – Inputs, process, outputs.
- Types of motion
- How do designers market products?
- How do designers communicate design ideas and concepts?
- Renewable Energies – Adv & Dis
- Level mechanisms
- Recycle V Upcycle – the differences & examples

**SECTION B**

- Commercial manufacture methods for timber – cutting, shaping, finishing, joining
- Environmental impacts of different finishes on Timber

Revision tasks:

- Use BBC Bitesize OCR – All sections for core principles
- BBC Bitesize OCR – In depth Principles – Timber
- KS4 Knowledge organisers in Student Sharepoint – orange folder.

<p><b>RE</b> <b>AQA</b> <i>Check which past papers you should work on!</i></p>	<p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Islamic Beliefs, Religion and Family, Crime and Punishment, Peace and Conflict.</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Use Revision guides and Knowledge Organisers to make notes/flash cards on the above topics.</li> <li>• Learn key quotes/key words from Power Point that is on Satchel.</li> <li>• Read the Power Point, which will be put on Satchel, and complete the set questions.</li> </ul>
<p><b>Spanish</b> <b>AQA</b> <i>Check with your teacher about using past papers as this is a new course for this year!</i></p>	<p><b>Reading and listening paper</b></p> <p>Revision topics:</p> <ul style="list-style-type: none"> <li>• Identity and relationships with others (friends, family, your plans for the future)</li> <li>• Healthy living and lifestyle (sports, food, healthy and unhealthy habits)</li> <li>• Education and work</li> <li>• Free time activities (sport, music, describing a past weekend)</li> <li>• Customs, festivals, and celebrations (current topic)</li> </ul> <p>Revision tasks:</p> <ul style="list-style-type: none"> <li>• Go through your Knowledge Organisers and highlight useful vocabulary you don't know. This will be personal to you – the number of words you pick needs to be an amount you can confidently revise. Your teacher will show you how to think about which words to choose.</li> <li>• Once you have highlighted these words, revise them however best suits you: look, cover, write, check; flashcards; having someone test you</li> <li>• Complete practice questions on BBC bitesize – links on Satchel One Optional: buy a revision book and work through the exercises (links on Satchel One)</li> </ul>