Y10 PPE Preparation Information For Core & EBacc Subjects

English

Subject: What topics will be covered in the exam? English Language Paper 1 (17th December)			
	Week	**Homework Task**	**Homework Task 2 - Revision**
1	Term 2 Week 2	Seneca Assignment - Language Paper 1 (There will be a new Seneca task every week)	Watch Language Paper 1, Q4 'How to' Video and make notes/flashcards Sentence stem memorisation, using English Essentials booklet (p40-42)
2	Term 2 Week 4	Seneca Assignment - Language Paper 1	Language Past questions (Paper 1, Q3 and 4) based on this extract Sentence stem memorisation, using English Essentials booklet (p40-42)
3	Term 2 Week 5	Seneca Assignment - Language Paper 1	Language Past question (Paper 1, Q5)
2	Term 2 Week 6	Seneca Assignment - Language Paper 1	Language Past question (Paper 1, Q5)
3	Term 2 Week 7	Seneca Assignment - Language Paper 1	Recap and revise all questions using class resources and online resources. Sentence stem memorisation, using English Essentials booklet (p40-42)
Revision resources: Seneca Online Platform English Essentials Revision Guide - given out in lesson. CGP Revision Guides (purchased on ScoPay) Linked Past papers on Class Charts when homework is set Mr Bruff English Language exam revision (youtube)			

Science

Subject: Science

What will be covered in PPE1?

Biology - cell biology, organisation, infection and response and photosynthesis.
Chemistry - atomic structure and the periodic table, bonding, structure and the properties of matter and chemical changes.
Physics - energy, electricity, particle model of matter and atomic structure.

What types of questions will students be asked to answer?

Questions can range from 1 mark recall to 6 mark evaluation style questions. Students may be asked to plot data and draw lines of best fit and calculate different scientific values. Within the specification there are several required practicals that students will need to know as they may be asked to write a method, identify variables or analyse data.

	Week	
1	Term 2 Week 3	Cell biology & Atomic structure
2	Term 2 Week 4	Energy & Organisation
3	Term 2 Week 5	Bonding, structure and the properties of matter
4	Term 2 Week 6	Electricity & Infection and response
5	Term 2 Week 7	Y10 PPEs

Revision resources:
In order to support your son/daughter with revision for these PPEs we strongly recommend the following online revision materials, alongside the CGP Revision Guide and Workbook which is available to purchase through the school on Scopay.

1. AQA Combined Science Specification
   https://cdn.sanity.io/files/p28bar15/green/0d8783204c71dd54f340ece220707095e49b6dea.pdf
2. AQA Separate Science Specifications
   https://cdn.sanity.io/files/p28bar15/green/510eb7c76df13be23292df4392de95eb32b0d30f.pdf
   https://cdn.sanity.io/files/p28bar15/green/9e1579c8cdada254bf7726b794379cf4c1a56036.pdf
   https://cdn.sanity.io/files/p28bar15/green/e96b2cef624c0970b0f90d9678a438580aed0f65.pdf
3. BBC Bitesize Combined Science
   https://www.bbc.co.uk/bitesize/topics/z9crtcw/articles/zk4r7v4
4. BBC Bitesize Separate Science
   https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7
   https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb
   https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm
5. Cognito Videos
   https://www.youtube.com/@Cognitoedu
6. Malmesbury Education RPA Video
   https://www.youtube.com/@MalmesburyEducation
7. AQA Exam Questions
   https://www.aqa.org.uk/subjects/science/gcse/science-8464/assessment-resource

Geography

Subject: **GCSE Geography**

What will be covered in PPE1?

One exam lasting 1 hour made up of TWO topics from Paper 1 - Living with the Physical Environment:

Section A: Natural Hazards (33 marks)
Section B: The Living World (25 marks)

Total = 58 marks
There will be TWO 9 mark questions within this exam.

What types of questions will students be asked to answer?
A mix of multiple choice, short answer, levels of response and extended prose. This includes 1, 2, 3, 4, 6, and 9 mark questions (including two SPaG questions per paper).

Week	Homework Task 1	Homework Task 2 - Produce evidence of having revised:
Term 2 Week 1	Task 1 in Natural Hazards Homework Booklet	Ecosystems - What are food webs and food chains and how do they work? https://www.bbc.co.uk/bitesize/guides/zwh9j6f/revision/1
Term 2 Week 2	Task 2 in Natural Hazards Homework Booklet	Tropical Rainforests - What are the characteristics, climatic features and adaptations of Tropical Rainforests? https://www.savemyexams.com/gcse/geography/aqa/18/revision-notes/2-the-living-world/2-2-tropical-rainforests/2-2-1-tropical-rainforest-ecosystem/
Term 2 Week 3	Task 4 in Natural Hazards Homework Booklet	Tropical Rainforests - What are the causes, impacts and sustainable management solutions of deforestation? https://www.bbc.co.uk/bitesize/guides/zx8n39q/revision/3
Term 2 Week 4	Task 1 in Weather Hazards Homework Booklet	Hot Deserts - What are the characteristics, climatic features and adaptations of Hot Deserts? https://www.savemyexams.com/gcse/geography/aqa/18/revision-notes/2-the-living-world/2-3-hot-deserts/2-3-2-development-of-hot-deserts/ https://www.savemyexams.com/gcse/geography/aqa/18/revision-notes/2-the-living-world/2-3-hot-deserts/2-3-1-hot-desert-ecosystem/
Term 2 Week 5	Task 2 OR 3 in Weather Hazards Homework Booklet	Hot Deserts - What are the opportunities and challenges of Hot Desert biomes and the causes, impacts and sustainable management solutions of desertification? https://www.bbc.co.uk/bitesize/guides/zpnq6fr/revision/4

Term 2 Week 6	Seneca - Range of knowledge based revision questions set for both topics (Natural Hazards and Living World). Please complete a minimum of 45 minutes or 80% completion across the week.

Revision materials:
In order to support your child with their revision for these PPE's we strongly recommend the following online revision materials, alongside the CGP AQA GCSE Geography Revision Guide which is available to purchase through the school on Scopay (£3.50). In addition, also remind them to check the **Year 10 Geography 2025 Google Classroom** for our personalised resources.

1. Geography Case Study Overview Videos - https://www.youtube.com/c/GeographyCaseStudies
2. Internet Geography Revision - https://www.internetgeography.net/gcse-geography-revision/
3. Internet Geography Quizzes - https://www.internetgeography.net/geography-quizzes/
4. Save my Exams Revision Notes - https://www.savemyexams.com/gcse/geography/aqa/18/revision-notes/
5. Past AQA GCSE Geography Exam Papers - https://www.savemyexams.com/gcse/geography/aqa/-/pages/past-papers/
6. BBC Bitesize - AQA GCSE Geography - https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc
7. BBC Bitesize Exam Practice - https://www.bbc.co.uk/bitesize/articles/z8s2tcw#zdfmh4j

History

Subject:
History

What will be covered in PPE1?
The Conflict and Tension: The First World War 1894-1918 unit.

What types of questions will students be asked to answer?

4 mark - 'Source A shows...How do you know?'	Students will be given a source and a statement relating to the source. The question asks 'Source A shows...How do you know?'. Students will use the content and the provenance of the source to explain how they know that the source is portraying the statement.
12 mark - 'How useful are Sources B and C useful to a historian studying...?'.	Students will be given two sources and asked 'How useful are Sources B and C useful to a historian studying...?'. Students will use the content and provenance of each source to explain why each is useful to a historian studying a specific aspect of the First World War and then come to a conclusion about how they are useful when used together and a judgement on which is the most useful.
8 mark - 'Write an account...'	Students are given a topic to write a chronological and analytical account of the causes, events and consequences of.
16 marks + 4 SPaG (spelling, punctuation and grammar) 'How far do you agree with this statement?'	Students are given a statement that they must analyse through assessing different factors. Students will write three paragraphs using detailed evidence and supporting explanations to come to a conclusion about how far they agree with the statement. Students should attempt to make links across different factors to show they are considering how each factor affected one another.

	Week	
1	Term 2 Week 3	**Complete homework task in the homework booklet. Complete the 'RAG rate and revise' task on Google Classroom and use the revision materials to address any areas of improvement.**
2	Term 2 Week 4	**Complete homework task in the homework booklet. Complete the 'RAG rate and revise' task on Google Classroom and use the revision materials to address any areas of improvement.**
3	Term 2 Week 5	**Complete homework task in the homework booklet. Complete the 'RAG rate and revise' task on Google Classroom and use the revision materials to address any areas of improvement.**

4	Term 2 Week 6	**Complete homework task in the homework booklet. Complete the 'RAG rate and revise' task on Google Classroom and use the revision materials to address any areas of improvement.**
5	Term 2 Week 7	**Y10 PPEs**

Revision resources:

All of the following are available on Google Classroom.

- GCSEPod Videos
- Question Guides
- Catch up booklets
- Knowledge organisers
- 'Cheat Sheets'

French

Subject: French

What will be covered in PPE1?

The topics of family, friends, free time, fame and festivals / celebrations will be covered in the PPE.

What types of questions will students be asked to answer?

The PPE will be a condensed paper made up of listening and reading questions (including a dictation). There will also be a 90 word writing question on the above topics (students have a choice of two questions). There will also be a gap fill task.

	Week	
1	Term 2 Week 3	**Listening practice (dictation)** https://yomagen.exampro.net/ https://www.kerboodle.com/app/courses/110923/modules/Resources/content/1546510 dictation B answers
2	Term 2 Week 4	**Reading practice**Reading practice link
3	Term 2 Week 5	**Vocab learning and gapfill** useful verbs Gapfill practice
4	Term 2 Week 6	**90 word practice**
5	Term 2 Week 7	**Listening practice** **Vocab learning**
6	Christmas Holiday	
7	Term 3 Week 1	**Y10 PPEs**

Revision resources:

In order to support your son/daughter with revision for these PPE's we strongly recommend the following online revision materials, alongside the Pearson Revision Guide and Workbook which is available to purchase through the school on Scopay. We also recommend the CGP vocabulary book which is also available on Scopay.

1. AQA GCSE Specification https://cdn.sanity.io/files/p28bar15/green/2ecb565e388d72deda93e71cd52d2a58e75d8727.pdf?_gl=1*d4unha*_gcl_au*MTE2NTQ4NTM4Ny4xNzU1NzU1Njk5
2. BBC Bitesize https://www.bbc.co.uk/bitesize/examspecs/zp838p3

German

Subject: German

What will be covered in PPE1?

The topics of family, friends, free time, fame and festivals / celebrations will be covered in the PPE.

What types of questions will students be asked to answer?

The PPE will be a condensed paper made up of listening and reading questions (including a dictation). There will also be a 90 word writing question on the above topics (students have a choice of two questions). There will also be a gap fill task.

	Week	
1	Term 2 Week 3	**Listening practice (dictation) - The sheet will be given out in the lesson or use your revision workbook/ Listen to each sentence 3 times** Complete 2 tasks in total Everyone please complete the Mental wellbeing dictation task (page 20) Then choose either Clothing and fashion (page 8 Grade 5-9) or my life in the future (page 11 Grade 1-5).
2	Term 2 Week 4	**Reading practice**
3	Term 2 Week 5	**Vocab learning and gapfill** **Please revise pages 39-40 of the vocabulary book (or the sheet you were given in the lesson) Please make mindmaps/ flashcards using the words**
4	Term 2 Week 6	**Writing revision resource** **90 word practice**
5	Term 2 Week 7	**Listening practice** **Vocab learning** **Please revise pages 36-37 of the vocabulary book (or the sheet you were given in the lesson) Please make mindmaps/ flashcards using the words** **Writing revision resource**
6	Christmas Holiday	
7	Term 3 Week 1	**Y10 PPEs**

Revision resources:
In order to support your son/daughter with revision for these PPE's we strongly recommend the following online revision materials, alongside the Pearson Revision Guide and Workbook which is available to purchase through the school on Scopay. We also recommend the CGP vocabulary book which is also available on Scopay.

1. AQA GCSE Specification https://cdn.sanity.io/files/p28bar15/green/3dfd1f6a05293b67b950b4b2a6dcd35262c7d25d.pdf?_gl=1*1megm02*_gcl_au*MTE2NTQ4NTM4Ny4xNzU1NzU1Njk5
2. BBC Bitesize https://www.bbc.co.uk/bitesize/examspecs/z6t9fdm

Computer Science

Subject: **GCSE Computer Science**

What will be covered in PPE1?

A mixture of questions from paper 1 and Paper 2: Total 50 marks

Paper 1 - 13 marks
Unit 1 - Algorithms and Search and Sort algorithms

Paper 2 - 37 marks
Unit 3 - Data Representation
Unit 4 - Computer Systems (Logic)
Unit 6 - Cyber security

What types of questions will students be asked to answer?

A mix of multiple choice, short answer, longer answer and extended response questions assessing theoretical knowledge.

Week	Homework Task 1	Homework Task 2 - Produce evidence of having revised:
Term 2 Week 1	Data rep (image and sound quiz)	Algorithms (Seneca 70% minimum)
Term 2 Week 2	Data rep (compression RLE quiz)	Data Representation I (numbers) (Seneca 70% minimum)
Term 2 Week 3	Data rep (compression Huffman code quiz)	Data Representation II (characters, images and sound) (Seneca 70% minimum)
Term 2 Week 4	Cybersecurity quiz	Data Representation III (data compression) (Seneca 70% minimum)
Term 2 Week 5	Network security quiz	Cybersecurity and Network security (Seneca 70% minimum)

Term 2 Week 6	Logic quiz	Computer Systems (Logic) (Seneca 70% minimum)

Revision materials:

In order to support your son/daughter with revision for these PPE's we strongly recommend the following online revision materials, alongside the CGP AQA GCSE Computer Science Revision Guide and Python Guide, both available to purchase through the school on Scopay .

1. BBC Bitesize - AQA GCSE Computer Science - https://www.bbc.co.uk/bitesize/examspecs/zkwsjhv
2. Save my Exams - https://www.savemyexams.com/gcse/computer-science/aqa/20/revision-notes/

In addition to online resources, we also routinely use the 10YCt1 Computer Science 2025 Google Classroom to upload all of our custom made revision materials. These include video clips, detailed specification with links to BBC Bitesize and good quality Youtube videos for each topic.

Religious Studies

Subject: **Religious Studies**

What will be covered in PPE1?
- Issues of Human Rights
- Issues of Good and Evil
- Christian Practices
- Sikh beliefs

What types of questions will students be asked to answer?
For each unit students will be asked to complete 4 questions:
- A) 2 mark definition
- B) 5 mark describe
- C) 8 mark explain
- D) 15 mark evaluation

	Week	
1	Term 2 Week 2	Good and Evil knowledge retrieval
2	Term 2 Week 3	Good and Evil exam question practice
3	Term 2 Week 4	Sikh beliefs knowledge retrieval
4	Term 2 Week 5	Sikh beliefs exam question practice
5	Term 2 Week 6	Sources of wisdom - both topics
6	Term 2 Week 7	**Y10 PPEs**

Revision resources:

You have been provided with a homework booklet that guides you through a number of different revision tasks to break down the content of the PPE paper.

Further revision resources can be found:

BBC Bitesize - Sikh beliefs (1)

BBC Bitesize - Sikh beliefs (2)

BBC Bitesize - Good and Evil

Blended learning resource - Crime and Punishment

Blended learning resource - Forgiveness

Blended learning resource - Good, Evil and Suffering