

Summary of GCSE Revision Topics for the December PPEs

Please note: All revision topics have been shared with students in recent lessons by their subject teachers. This information is intended as a revision checklist for students and parents

English Language / Literature

English Language (Paper 2, Section A) Forthcoming PPE Revision Topics

- Structure and Organisation of Language Paper (Timings per question)
- Reading and highlighting the texts in your reading time
- Reading and comparing modern texts with 19th Century texts
- Extracting implicit information from texts
- Comparing similarity and difference between texts
- Explaining how writers use language to describe
- Explaining how writers convey their opinions using language, structure and form.
- Explaining how writers use persuasive techniques in their writing.

Year 11 – English Literature (Paper 2 – A *Christmas Carol*) Forthcoming PPE Revision Topics

- Structure and Organisation of Literature Paper (Timings per question)

Section A

- Reading and highlighting an extract from *A Christmas Carol*
- Explaining how Charles Dickens uses language and structure to describe
- Using quotations to support your points
- Explaining the effect of the writer's choices on the reader

Section B

- Understanding of key themes in *A Christmas Carol*
 - Greed and generosity
 - Social Reform / Poverty
 - Loneliness and isolation
 - Fear and Consequence
 - Christmas
 - Supernatural
- Explaining where these themes appear in the book, using quotations to support
- Explaining why these themes are important to the novel / why Charles Dickens chose to include them.
- Structuring your response with an introduction and conclusion

Maths (including Statistics)

Students have been provided a list of topics which have been given to them in class - these have been broken down into higher and foundation for GCSE Maths. Please see Excel spreadsheet (attached).

Science

Foundation	Higher
Biology	Biology
General practical skills	General practical skills
Transporting substances	Reflexes and reaction time
Food tests	Inheritance
Human evolution	Human evolution
Lifestyle & health	Lifestyle & health
Antibiotics	Antibiotics
Selective breeding & genetic engineering	Genetic inheritance
	Cell division
Chemistry	Chemistry
General practical skills	General practical skills
Acids & Alkalis	Acids & Alkalis
Periodic table & atom structure	Periodic table & atom structure
Ionic bonding and structures	Ionic bonding and structures
Separation mixtures	Covalent bonding
Conservation of mass	Changing state
Balancing equations	
Physics	Physics
General practical skills	General practical skills
Energy sources	Waves and refraction
energy transfers and efficiency	Electromagnetic spectrum
Radioactivity	Energy transfer
Speed	acceleration

Note: This information has been sent to students before ½ term

Business

Job and Flow production – benefits and drawbacks	Stakeholders
Maintaining quality	Motivational techniques and their impact
Calculating Total Costs	
Differences in flat and tall organisational structures	Benefits and drawbacks to a business of employing part time and full-time staff
Methods of external growth	Promotion as a recruitment tool and motivational technique
PLC's and LTD's – benefits and drawbacks of this type of structure	Induction training
Health and Safety	Delegation

Childcare

Indicative Content – BTEC Childcare – Dec PPE- Year 11	
Milestones for each Age Range of Children in each Area of Development	Motor (Physical) Skills for a Child aged 2/3
Gross and Fine Motor Skills	Supporting a Childs Cognitive Development 5-8 Yrs Old. Positive and Negative Impact on Cognitive other Areas of Development if Support is not Provided.
Supporting an Infant Socially and Emotionally	
Supporting a Child of 4 Years (All Areas of Development)	

Computer Science

Images, calculating file sizes	Linear search	Logic gates
Data types	Bubble sort	Algorithm using python
Number system: conversion, binary addition, Shifting numbers	Sound	Data compression
Memory: RAM and secondary	Von neuman architecture	Operating systems
Computer networks, protocols		

Construction BTEC

Low rise buildings performance requirements	Different loads a building is designed to resist	Materials that can be recycled from demolished buildings
Sound insulation	Locations of a house that are used to reduce sound insulation	Site plan layout
Internal partition wall	Foundations (Materials & Components)	Types of foundations and features
Wall openings (+ components)	Straw bales - why they are sustainable in construction	Eco-joists vs timber joists
Brownfield & Greenfield (Advantages/Disadvantages)	Timber frames vs traditional cavity wall construction	Flat roof & Pitched roof (Advantages/Disadvantages)

GCSE Dance

The written paper for GCSE Dance will have the same layout, questions and time set. In section C of the paper only 3 set works will be asked as Yr11 have not covered the other 3 in detail yet. Looking at a given stimulus and what dance idea you may have from this stimulus, thinking about motif, development, structure, dance components, climax.

* Performance skills - what are they and how can you improve? Physical, mental, expressive and technical skills. Linking to your solo of Shift, Performance in a Duo.

* Dance terminology - definitions and exercises.

* Compare and contrast 4 dance works from your anthology, looking at Set design, Lighting, Costume, Aural setting, Movement, staging.

Enterprise BTEC

Financial documents	Start-up costs and running costs
Target markets	Types of promotional activity
Statement of comprehensive income	Advantages and disadvantages of payment technologies
Break even calculations -the effect of higher costs and how this affects breakeven	Advantages of breakeven analysis
Benefits of social media as a type of promotion	Types of sales promotion
Completing a cash flow forecast	Effects of a negative cash flow on an enterprise
Sources of finance: owners funds and leasing - advantages and disadvantages	

Food

Carbohydrates	Protein	Sugars
Fibre	Cooking methods	food supply
raising agents	microorganisms and uses	different chopping boards
vitamin D	emulsion	cooking food
food influence	cooking methods	importance of water
micronutrients	nutritional information	Food preparation
Sensory testing	Food waste	

Geography

Students need to focus their revision on ecosystems, coasts and development.

Health & Social Care

The PPE will not be taking place until January as teaching is not complete until late December 2021. Indicative content for revision purposes will be sent to students ahead of the component 3 PPE.

History

In GCSE history we will be dropping the American West paper from the final examination series. Within each other paper (Medicine, Germany and Elizabeth) there will be no further advance notification of topics. Students are sitting a full Germany paper for the November PPE. Students need to look back over their notes to make sure that they are secure on the requirements for each question type, but that the exam could be on any of the Germany topics we have covered so far.

Information Technology / iMedia

Pre-production documents (Mind Maps, Mood Boards, Scripts, Visualisation Diagrams and Storyboards)	Know purpose, content and how to create given pre-production documents.	Client Requirements and Constraints
Work Plans	Target Audiences	File Types and Formats
Health & Safety	Review Suitability of a pre-production document	

Italian

The PPE papers will have the principles which will apply for next summer. There will be an extra choice of question provided for paper 4 writing. Topics that students will need to revise for this forthcoming PPE are as follows:

a) Hobbies inc. music and sport	b) Technology	c) Health
d) Festivals	e) School	f) Jobs
g) Home and town	h) Environment	i) Holidays
j) Family	k) Social & global issues	

Media Studies

Section A Media Language and Media Representations

- Key Terminology and Vocabulary
- Analysis of Unseen texts using (RAIL)
- Revision of CSPs – *Booklet containing all CSPs may additionally be provided upon request*
- Focused revision of Tatler/OMO
- Propps/ Todorov/ Semiotics/Cultural Codes/Signifiers and signified
- Advertising Audiences/Stereotypes/Historical contexts/Binary Opposites
- Representations CSP NHS Blood – connect to Audiences

Section B Newspapers

- Regulatory Bodies IPSO (Who's in charge of the Press?)
- CSPs The Daily Mirror/The Times/The Mail/ The Telegraph
- Revise your understanding of Layout/Imagery/Typography/Use of language/connotations of image
- Ownership of Newspapers and the Influences of that individual/body/trust
- Revise how to **answer 20 Marks** questions – **RAIL and analysis +theory**

Structure and Timing of exams

Must use Good English and Clear Presentation

- Section A – 60 minutes /section B- 40 minutes
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Performing Arts

Music and drama have a practical PPE - no written PPE. They are organising and preparing for their performances by looking at the given brief. The practical guidance has been communicated and Yr11 music have already started their PPE.

Sport

The Sport Studies PPE will contain questions from all four learning objectives across the course; understanding the issues which affect participation in sport, the role of sport in promoting values, the importance of hosting major sporting events and the role of national governing bodies in sport. Students have been given a checklist with all of the above information on and should use this to revise.