



Structure of Exam

The PPE will contain questions on theory and coding.

Each student in year 11 for computer science PPE has received a PowerPoint. Each slide relates to a broad topic which will be tested in the paper. Students have started in class and are expected to as part of their revision to use this as a single document on which to collate their notes.

Exam Paper Links:

Binary addition

<https://www.bbc.co.uk/education/guides/zjfgjxs/revision/2>

LANS v WANS

<http://www.bbc.co.uk/schools/gcsebitesize/ict/datacomm/2networksrev1.shtml>

Iteration

<https://www.bbc.co.uk/education/guides/zwmbgk7/test>

Boolean Logic

<https://www.bbc.co.uk/education/guides/zqp9kqt/test>

Lists and arrays

<https://www.bbc.co.uk/education/guides/zy9thyc/test>

Procedures and functions

<https://www.bbc.co.uk/education/guides/zqh49j6/test>

Useful Websites/Apps/Books:

Students can use the Doodle quizzes set, class notes, the links attached, previous revision materials.

How to revise:

Students should use class notes from Mr Wilson and Miss Rowe, previous exam revision to populate the slides.

Students should use the prompts on each slide to develop their confidence in that topic.

Students have organised their revision topics in to priority areas and colour coded them, red to do first, amber second and green areas are areas of growing confidence.

Notes on character set to come from class notes

Revision on coding questions to come from class notes from Miss Rowe. This should include, selection, iteration, sequencing, datatypes and validation, as well as the use of arrays, code to check passwords, code for calculating averages, the [bubble sort](#) and a binary search.

Binary search

https://www.youtube.com/watch?v=4Q9P6fxd_4A

For legal and ethical use this link.

<https://www.bbc.co.uk/education/guides/zkhykqt/test>

Database basics will be done in class.

Use class notes for RAM and ROM, sound sampling, images as bitmaps.

Tips to Answer Common/Extended Questions:

Students have been shown how to create plans for the longer questions to ensure they target all areas of the question in their answers; using connectives to connect different parts of their plan. Using key words throughout.