**Revision for GCSE Computer Science**

Students in year 10 and 11 have been given access to the following revision material:

**ZigZag GCSE Computer Science Course Companion**

This guide covers all of the theory topics for Principles of Computer Science theory exam. Students can test their knowledge by completing the end of chapter questions.

Students have been given a printed copy of this companion guide and can access an electronic copy using their user credentials at the following link:

https://moodle.elearning.doyrms.com/moodle/mod/folder/view.php?id=2350

**ZigZag Python Programming for GCSE**

This set of resources covers all of the Python practical topics for the Application of Computational Thinking practical exam. Students can practice their Python skills by completing the exercises at the end of each chapter.

Students can access an electronic copy using their user credentials at the following link:

https://moodle.elearning.doyrms.com/moodle/mod/folder/view.php?id=2313

**Exam Content for GCSE Computer Science 2022**

Exam boards have specified the topics that students will need to revise for the summer 2022 GCSE Principles of Computer Science theory exam.

Students have been provided with a printed copy of this information along with links for each topic to the relevant chapters in the revision guide.

Students can access an electronic copy using their user credentials at the following link:

https://moodle.elearning.doyrms.com/moodle/pluginfile.php/6254/mod\_folder/content/0/Paper%201%20-%20Principles%20of%20Computer%20Science.pdf?forcedownload=1

**Programming Language Subset**

This details the Python programming skills that students need to be able to use with confidence in the Application of Computational Thinking practical exam. This document is made available to students in the exam both in printed and electronic form.

Students have been given a printed copy of this document and can see an electronic copy at this link:

https://moodle.elearning.doyrms.com/moodle/pluginfile.php/6254/mod\_folder/content/0/GCSE\_L1\_L2\_Computer\_Science\_2020\_Programming\_Language\_Subset\_PLS\_2022\_Version\_2.pdf?forcedownload=1

**Little Book of Programming Challenges**

This is a set of tasks that you can try your Python skills on.

<https://moodle.elearning.doyrms.com/moodle/pluginfile.php/5257/mod_resource/content/1/bookofprogrammingchallenges.pdf>

**Starter Quizzes**

In most lessons the students complete a self marking starter quiz activity. These help prepare for short answer questions in the GCSE exam.

Students can redo the quizzes as many times as they like and can access the quizzes in the starter sections at the bottom of the Moodle course for each half term.

https://moodle.elearning.doyrms.com/moodle/course/view.php?id=30