Plan 4

(Computer Science)

Week	Revision plan for half term	Homework	Resources
W/C 17/4	Ethics White book questions on legal aspect of computing Past paper questions on computing ethics Going over mark schemes + green pen marking	**Homework 8 – open source and proprietary software** **Log on to Seneca and complete the following sections** 1.6.1 Open Source vs Proprietary Software	https://app.senecalearning.com/teacher/home
W/C 24/4	Teacher overview on: • Registers • FDE cycle • CPU performance • Secondary storage Comp 1 practise paper (page 41 to 47 past exams paper booklet) Comp 2 practise paper (page 55 to 62 past exams paper booklet)	**Homework 9 – prepare some revision cards on the following topics:** • **Registers** • **FDE cycle** • **CPU performance** • **Secondary storage**	J277 (outwood.com) Knowledge organiser White book exercise

W/C 01/5	Teacher overview on: • OS functions • Utility software Comp 1 practise paper (page 67 to 72 past exams paper booklet) Comp 2 practise paper (page 81 to 87 past exams paper booklet)	**Homework 10 – prepare some revision cards on the following topics:** • **OS functions** • **Utility software**	J277 (outwood.com) Knowledge organiser White book exercise
W/C 08/5	Teacher overview on: • Network types • Protocols • Forms of attacks • Data protection act principles Comp 1 practise paper (page95 to 100 past exams paper booklet)	**Homework 10 – prepare some revision cards on the following topics:** • **Network types** • **Protocols** • **Forms of attacks** • **Data protection act principles**	J277 (outwood.com) Knowledge organiser White book exercise
W/C 15/5	Teacher overview on: • Computational thinking principals	**Homework 12 – prepare some revision cards on the following topics:** • **Computational thinking principals** • **Searching and sorting algorithms**	J277 (outwood.com) Knowledge organiser White book exercise

	• Searching and sorting algorithms • SQL queries • Boolean logic rules **Comp1 final intervention** **Friday 19/05 is Comp1 test** Final Comp 1 practise paper (page131 to 136 past exams paper booklet)	• **SQL queries** • **Boolean logic rules** **Revise paper 1 tests from the past exam papers booklet** **Watch mock and talk videos for Comp1 papers (30 minutes video)**	https://www.youtube.com/watch?v=mvK29GMA5Dw
W/C 22/5	**Thursday 20/05 is Comp2 test** Teacher overview on: • Defensive design principles • Test data types • Differences between high and low level languages • Differences between compilers and interpreters Features of an IDE **Comp2 final intervention** Final Comp 2 practise paper	**Homework 13 – prepare some revision cards on the following topics:** • **Defensive design principles** • **Test data types** • **Differences between high and low level languages** • **Differences between compilers and interpreters** • **Features of an IDE** **Revise paper 2 tests from the past exam papers booklet** **Watch mock and talk videos for Comp2 papers (30 minutes video)**	J277 (outwood.com) Knowledge organiser White book exercise https://www.youtube.com/watch?v=KhUpxmxnF8o&t=3s

	(page143 to 152 past exams paper booklet)		