

YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 5 (28th February to 4th March)

COMPUTER SCIENCE - THEORY

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom
Total number of lessons per week	2
Lesson 1 Learning objective Resources	Chapter 13 : Data representation (Zoom live session) To be able to understand <ul style="list-style-type: none">• Representation of sound• Recording sound waves – Analogue and Digital recording• Fidelity• Calculating the file size of a digital audio file Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=4ZeRW4KPmvs• https://www.youtube.com/watch?v=HIOTuCFtuV8• https://www.youtube.com/watch?v=Ed7AFAzB8PM
Lesson 2 Learning objective Resources Task	Chapter 13 : Data representation (Google Classroom) To be able to understand <ul style="list-style-type: none">• Representation of sound• Recording sound waves – Analogue and Digital recording• Fidelity• Calculating the file size of a digital audio file Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=4ZeRW4KPmvs• https://www.youtube.com/watch?v=HIOTuCFtuV8• https://www.youtube.com/watch?v=Ed7AFAzB8PM Activity questions will be posted in Google classroom

TERM 2 - WEEK 5 (28th February to 4th March)

COMPUTER SCIENCE - PRACTICAL

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom
Total number of lessons per week	2
Lesson 1 Learning objective Resources	Python Programming (Zoom live session) To be able to understand the ways to manipulate strings using various string methods in Python Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation PowerPoint presentation Resource video links: <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=Ctqi5Y4X-jA • https://www.youtube.com/watch?v=mK1sZrPNAhM • https://www.youtube.com/watch?v=ISItwlnF0eU
Lesson 2 Learning objective Resources Task	Python Programming (Zoom live session) To be able to understand the ways to manipulate strings using various string methods in Python Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation PowerPoint presentation Resource video links: <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=Ctqi5Y4X-jA • https://www.youtube.com/watch?v=mK1sZrPNAhM • https://www.youtube.com/watch?v=ISItwlnF0eU Activity questions will be posted in Google Classroom