

YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 1 (31st January to 4th February)

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	Chapter 12 : Binary (Zoom live session)
Learning objective	To be able to understand how computers represent and manipulate numbers <ul style="list-style-type: none">• Unsigned and Signed numbers• Sign and magnitude• Two's complement
Resources	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=miwMEUfkqfY• https://www.youtube.com/watch?v=4qH4unVtJkE
Lesson 2	Chapter 12 : Binary (Google classroom session)
Learning objective	To be able to understand how computers represent and manipulate numbers <ul style="list-style-type: none">• Unsigned and Signed numbers• Sign and magnitude• Two's complement
Resources	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=miwMEUfkqfY• https://www.youtube.com/watch?v=4qH4unVtJkE
Task	Activity questions will be posted in Google classroom

TERM 2 - WEEK 1 (31st January to 4th February)

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	Python Programming (Zoom live session)
Learning objective	To be able to use break , continue and pass statements in Python Programming.
Resources	PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=2JsGiygzi5M• https://www.youtube.com/watch?v=yCZBnjF4_tU
Lesson 2	Python Programming (Zoom live session)
Learning objective	To be able to use break , continue and pass statements in Python Programming.
Resources	PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=2JsGiygzi5M• https://www.youtube.com/watch?v=yCZBnjF4_tU
Task	Activity questions will be posted in Google Classroom