

YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 2 (7th February to 11th 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 to perform binary shifts; <ul style="list-style-type: none">• Logical shifts• Left Arithmetic shift• Right Arithmetic shift
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=C_MJ-UW1HkY• https://www.youtube.com/watch?v=nm_laES9rKk
Lesson 2	Chapter 12 : Binary (Google classroom session)
Learning objective	To be able to understand how to perform binary shifts; <ul style="list-style-type: none">• Logical shifts• Left Arithmetic shift• Right Arithmetic shift
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=C_MJ-UW1HkY• https://www.youtube.com/watch?v=nm_laES9rKk
Task	Activity questions will be posted in Google classroom

TERM 2 - WEEK 2 (7th February to 11th 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	Chapter 12 : Binary (Zoom live session)
Learning objective	To be able to understand why hexadecimal notation is used and be able to convert between hexadecimal and binary.
Resources	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=WI6Uvci2p7E• https://www.youtube.com/watch?v=QJmSps4iewQ• https://www.youtube.com/watch?v=ZL-LhaaMTTE
Lesson 2	Chapter 12 : Binary (Zoom live session)
Learning objective	To be able to understand why hexadecimal notation is used and be able to convert between hexadecimal and binary.
Resources	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=WI6Uvci2p7E• https://www.youtube.com/watch?v=QJmSps4iewQ• https://www.youtube.com/watch?v=ZL-LhaaMTTE
Task	Activity questions will be posted in Google Classroom