

YEAR 9 – COMPUTER SCIENCE

WEEK 5 (27th Sept to 1st Oct) – 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 1 : Understanding Algorithms (Zoom live session)
Learning objective	To be able to <ul style="list-style-type: none">• express algorithms as pseudocode• understand the programming concepts used in pseudocode
Resources	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson PowerPoint presentation Resource video links: https://www.youtube.com/watch?v=ngeNdzY4E9E https://www.youtube.com/watch?v=XDWw4Ltfy5w https://www.youtube.com/watch?v=4G0EYfrrDT8
Lesson 2	Chapter 1 : Understanding Algorithms (Google classroom session)
Learning objective	To be able to <ul style="list-style-type: none">• express algorithms as pseudocode• understand the programming concepts used in pseudocode
Resources	https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson PowerPoint presentation
Task	Activity questions will be posted in Google classroom

WEEK 5 (27th Sept to 1st Oct) – 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 <ul style="list-style-type: none"> • understand the need for, and understand how to use, data types (integer, float, Boolean, string). • understand user input and output statements in python. PowerPoint presentation Resource video links: https://www.youtube.com/watch?v=KrToaEvDzdk&t=176s https://www.youtube.com/watch?v=T1j2tfZK7OI https://www.youtube.com/watch?v=afJ2CuFbHKo
Lesson 2 Learning objective Resources Task	Python Programming (Zoom live session) To be able to <ul style="list-style-type: none"> • Understand the need for, and understand how to use, data types (integer, float, Boolean, string). • Understand user input and output statements in python. PowerPoint presentation Resource video links: https://www.youtube.com/watch?v=KrToaEvDzdk&t=176s https://www.youtube.com/watch?v=T1j2tfZK7OI https://www.youtube.com/watch?v=afJ2CuFbHKo Activity questions will be posted in Google Classroom