

Year 10 (*Computer Science*) – Summer term 2 overview

<i>Enquiry Question:</i>				
Week	Title	Success checklist	Work to submit	Date due
1	<i>Topic 22 Utilities</i>	<ul style="list-style-type: none"> I can define 'utility program' I can describe the roles of a range of utility programs I can differentiate between full and incremental backup methods 	Complete the questions contained within the following Edpuzzles: 21 Operating Systems 22 Disk Fragmentation 22 Utility Programs	Tuesday 16 th June
2	<i>Topic 22 Utilities</i>	<ul style="list-style-type: none"> I can explain the purpose of defragmentation software I know the difference between full and incremental backups I can explain the difference between lossy and lossless compression 	Assign on teams is an assignment called '22 Utilities' containing a slide show also called '22 utilities'. Complete the 4 tasks with green backgrounds.	Tuesday 23 rd June
3	<i>Python Recap</i>	<ul style="list-style-type: none"> I can assign content to variables I can use section (if and else) I can use loops I can create lists 	Assign on teams is an assignment called 'Python Recap' containing a slide show also called 'Python Recap'. Complete the tasks with green backgrounds.	Tuesday 30 th June
4	<i>Python – Lists, Loops & Methods</i>	<ul style="list-style-type: none"> I can use indexing to select items in a list I can use a loop to iterate through the list I can use a range of lists methods including sort, count and len. 	Assign on teams is an assignment called 'Looping through lists' and 'List Methods' containing a slide show also called 'Looping through lists' and 'List Methods'. Complete the tasks with green backgrounds.	Tuesday 7 th July
5	<i>Binary</i>	<ul style="list-style-type: none"> I know why data is represented in binary I can convert 8 bit binary numbers to denary and vice versa 	Assign on teams is an assignment called 'Binary' containing a slide show also called 'Binary'. Complete the tasks with green backgrounds.	Tuesday 14 th July
6			Assign on teams is an assignment called 'Binary 2' containing 'Binary to Denary' and 'Denary to Binary'. Complete the tasks within each document.	Tuesday 21 st July