

YEAR 9 – ICT

WEEK 4 (20th Sep to 24th Sep) – ICT Theory

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom / Group Email
Total number of lessons per week	2
Lesson 1	Chapter 1 – Types of televisions –via zoom
Learning objectives	To be able to understand <ul style="list-style-type: none"> - The purpose and features of different televisions, home entertainment systems and sound systems. - The purpose and features of sound systems, personal video recorder and blu-ray and DVD players
Task	Starter Activity: Discuss the size of the computer that we use at home. Activity 1: <ol style="list-style-type: none"> 1 Research the cost of HD, 4K and 8K televisions. 2 Research the types of content that is broadcast or available to buy in each resolution. How easy would it be to stream content in each resolution? 3 Estimate how far you sit from your television when watching television at home, then research how close to the screen a user must be in order to notice the quality of the three different resolutions. 4 Discuss whether it is worth paying the extra cost for 4K and 8K televisions in order to watch television. Do you think there is any point in creating 16K screens for home use?
Resources	Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 10-11 PowerPoint presentation Resource video links: https://www.ubergizmo.com/2013/04/the-different-television-types-explained-in-3-minutes/ LED LCD and CRT features https://www.youtube.com/watch?v=alygY9Kv3bA
Lesson 2	Chapter 1 – Tablets, Cameras camcorders and Game console –via zoom
Learning objectives	To be able to understand the purpose and use of <ul style="list-style-type: none"> - media players and navigational aids. - home automation devices and smart assistance. - multi functional devices and convergence
Resources	Pearson Edexcel International GCSE (9-1)ICT text book – pgs. 14-15 PowerPoint presentation https://www.youtube.com/watch?v=FU_pY2sTwTA https://www.youtube.com/watch?v=wCcARVbL_Dk
Task	Activity questions will be posted in Google classroom Activity 1 : Draw a diagram to show how GPS works. https://www.youtube.com/watch?v=hIEIGDsbKqY&t=13s Activity 2: Smart phone is a multifunctional device. Identify other examples of a multi functional device, its primary and other functionalities.

WEEK 4 (20th Sep to 24th Sep) – ICT Practical

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom / Group Email
Total number of lessons per week	2
Lesson 1 Learning objectives Resources	Word Processing Software - via Zoom To be able to understand word processing basic formatting features and how to create tables in MS word. Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 220-223 Resource video links: https://www.youtube.com/watch?v=2YkoY-Xa_T4
Lesson 2 Learning objectives Resources Task	Word Processing (Paint) - via Google classroom Students will be able to understand, - the purpose of creating tables - how to split, merge, shade and change borders of a table. Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 220 - 223. https://www.youtube.com/watch?v=6qZlz76Z7g4 Activity questions and corresponding data files will be posted in Google Classroom.