Lesson Plan - Theory

Year 10 – ICT (Week 5) – 2021 -2022

Subject	Information and Communication Technology
Class/ Section	Year 10 A-F
Week	26th September – 30th September
Work send to students by	Google classroom
Total number of lessons per week	2
Unit/Topic	Chapter 5 – Computer networks
Lessons 1,2 –Live Zoom lesson along with face to face instruction for students present on a particular day **Work will be assigned in google classroom which will be matched to the student's ability.**	Specific Learning objectives How devices are identified on a network. Students to be able understand - the functionality of different servers. - the functionality of client server system - the use of search engines. - the functionality of filter software. To be able to Know the types of LAN and benefits of using LAN. Specific Intended Learning Outcomes Students can - identify the right server based on the given functionality. - Describe the functionality of client server networks and advantages and disadvantage of a LAN.
Key Vocabulary	Client, Server, LAN, LAN Party, Filter software, Hack, Search engine
Tasks	Lesson 1 Quiz on Servers https://docs.google.com/forms/d/e/1FAIpQLSfoAg-dnWwCp9sLgDCz0cfm0gfnTSXMXfS2xaOQ_AFHDq7Uzw/vi

	Activity 2: Draw a diagram to explain a client server network. Lesson 2 Activity 3 : Discuss the benefits of using a LAN rather than working on a standalone computer (Use Breakout Rooms to discuss and finally describe to the class group findings) What is a LAN party?
Assessment Criteria/ Essential questions	Entry question to check students existing knowledge about the client server networks. Research work will help them finding more information about relevant context. Students will apply knowledge to find out the purpose of maintaining different servers. . AO1 : Demonstrate knowledge and understanding of ICT AO2 : Apply knowledge, understanding and skills to produce ICT based solutions AO3 : Analyse, evaluate, make reasoned judgements and present conclusions
Resources	Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 86-89 PowerPoint presentation https://www.youtube.com/watch?v=2eHEXQZBJTw https://www.youtube.com/watch?v=NqlTOOY9CIo https://www.youtube.com/watch?v=s_c4nB0Rl_g&feature=emb_logo

Subject	Information and Communication Technology
Class/ Section	Year 10 A-F
Week	26th September – 30th September
Work send to students by	Google classroom
Total number of lessons per week	2
Unit/Topic	Microsoft Power point
Lessons 1,2 –Live Zoom lesson along with face to face instruction for students present on a particular day **Work will be assigned in google classroom which will be matched to the student's ability.**	Specific Intended Learning Objectives Students should be able to - understand the purpose of and use a master slide - use tools in presentation software to perform a variety of tasks - understand the different layouts that a presentation can be printed as and the purpose of each. Students should be able to create a presentation using a master slide by adding placeholders, a footer, slide number, background and font enhancements, create hyperlinks Specific Intended Learning Outcomes Students can - create a presentation using a master slide - edit a master slide by adding placeholders, a footer, slide number, background and font enhancements - create slides in a presentation by adding text, images - action buttons, hyperlinks.
Key Vocabulary	Master slide, Place holder, Footer, Header, Slide Layout, Slide, slide show, slide views
Tasks	Activity questions and corresponding data files will be posted in Google Classroom. Activity 3 Entry question (sample activity) to check students existing knowledge about the MS power point software.

Assessment Criteria/ Essential questions	. Students will be demonstrated on how to create and edit a master slide. Activity sheet will be given them to analyse and plan on appropriate slide layout and formatting required for the given scenario. AO2 : Apply knowledge, understanding and skills to produce ICT based solutions AO3 : Analyse, evaluate, make reasoned judgements and present conclusions
Resources	Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 248- 254. Resource video links: https://www.youtube.com/watch?v=ZV1Bl6uf6Ic