Lesson Plan - Theory

Year 9 – ICT (Week 4) – 2021 -2022

Subject	Information and Communication Technology
Class/ Section	Year 9 A-F
Week	19th September – 23rd September
Work send to students by	Google classroom
Total number of lessons per week	2
Unit/Topic	Chapter 1 – Digital Devices
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 To be able to understand - The purpose and use of digital devices such as: Tablet devices , Cameras and Camcorders - The purpose and use of digital devices such as: games consoles, home entertainment systems and media players. - 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 Specific Intended Learning Outcomes Students can - demonstrates the skills of analysing the feature and recommending/ suggesting them accurately on a given scenario.
Key Vocabulary	Games console, compensate, Pixels, USB, STB

Tasks	Lesson 1 Activity 1 : Research which smart phone feature uses the most power Activity 2: Make a list of activities which standard mobile phone would be more suitable than a mobile. Activity 3: Discuss why age ratings are important for games. Share your avatar with your friends and discuss the techniques used by modern game consoles to make it more accurate to user's features. Lesson 2 **Starter Activity**: Discuss the size of the computer use at home. **Activity 1:** 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?
Assessment Criteria/ Essential questions	Entry question to check students existing knowledge about the topic. Research work will help them finding more information about relevant context. Students will apply knowledge to find out right device to a given scenario. 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:Pg 8-14 PowerPoint presentation Resource video links: https://news.usc.edu/61131/fast-capture-makes-you-the-avatar/ 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=aIygY9Kv3bA

Subject	Information and Communication Technology
Class/ Section	Year 9 A-F
Week	19th September – 23rd September
Work send to students by	Google classroom
Total number of lessons per week	2
Unit/Topic	Word processing software
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 To be able to understand word processing basics. Enter or edit text that is appropriate for a given context using accurate spelling, punctuation and grammar. To be able to understand how to enter, edit and format text using: bullets, numbering, sub-numbering, alignment, tabs, line spacing, colour, font size and style, text wrap, text boxes. To be able to present data in a table giving appropriate formatting. Specific Intended Learning Outcomes Students can - enter text into a table and format it meet the requirement of the audience. - create numbered and bulleted lists - demonstrates the skills of changing alignment, line spacing and wrapping text appropriately to match the given context in a table.
Key Vocabulary	Table, row, column, table borders, alignments.

Tasks	Activity questions and corresponding data files will be posted in Google Classroom. Activity 3 – Week 4 (Practical)
Assessment Criteria/ Essential questions	Entry question (sample activity) to check students existing knowledge about tabulating data. . Students will be demonstrated on how to create tables and format text in a table. Activity sheet will be given them to analyse and plan on appropriate 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 – Word processing software page 208- 211 Resource links: https://support.microsoft.com/en-us/office/add-and-format-text-2e76a31b-a6d6-4b4e-95c2-fb780e3ac8d3 https://www.youtube.com/watch?v=HC13M8FGlNc