YEAR 10 – ICT

WEEK 8 – (21ST MAR – 25TH MAR) – ICT Theory

Class/ Division	Year 10 A-F
Work sent to the students via	Group Email/ Google Classroom/Zoom
Total number of lessons per week	2
Lesson 1	**Chapter 9 – Implications of Digital Technologies - Zoom**
Learning Objective	To be able to understand how copyright legislation affects the use of digital information and media.
Resources	Pearson Edexcel International GCSE(9-1)ICT text book – pages 149 PowerPoint presentation. Resources: https://www.youtube.com/watch?v=2UWaQK5Wbvs https://www.youtube.com/watch?v=1OULrgm4iW4
Task	1 Research Creative Commons licences. You could do this by doing an internet search using the key terms 'creative commons kiwi video' to find the video, *Creative Commons Kiwi*, which explains how the different licences work. 2 Create a poster that explains the different types of Creative Commons licences that are available.
Lesson 2	**Chapter 9 – Implications of Digital Technologies - Zoom**
Learning Objective	To be able to understand that individual's movement and communication can be monitored.
Resources	Pearson Edexcel International GCSE(9-1)ICT text book – pages 150-151
Task	Some companies produce clothing that is designed to fool facial recognition systems. Clothing patterns can contain features that the software interprets as a face. This overloads the system with data, meaning that it is less likely to recognise the actual face of the person wearing the clothing. 1 Investigate how facial recognition software recognises points on a person's face. 2 Do an internet search using the key terms 'Anti surveillance clothing revealed' to watch a video and find other online information about how some clothing is designed to confuse facial recognition technology by overloading it with the very thing it is searching for. 3 Investigate how some CCTV cameras use infra-red light to capture footage in low light or no light areas. 4 Do an internet search using the key terms 'Anti surveillance eyewear infrared' to watch a video and find other online information about how some eyewear is designed to reflect the infra-red light used by CCTV cameras, thereby blocking them from being able to record a face.

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Lesson 1 **Learning objective** **Resources** **Task**	**Web Authoring software - Zoom** To be able to analyse the source code and identify hyperlinks, images, headings and font tags Pearson Edexcel International GCSE(9-1) ICT text book – pg 272 Open the file 'bear.html' and view the output for this code in a web browser. Make sure that you save the file 'bear.jpg' in the same folder as the file 'bear.html'. 1 Using Figure 18.15, identify the alt text for the file 'bear.jpg'. 2 Open the file 'index.html' while the file 'bear.jpg' is not in the same folder. Note how the alt text is still displayed.
Lesson 2 **Learning objective** **Resources** **Task**	**Web Authoring software - GC** To be able to analyse the code and identify hyperlinks, images, headings and font tags Pearson Edexcel International GCSE(9-1) ICT text book – pg 274 Switch to HTML view and enter text as the page title between `<title>` and `</title>` as indicated in Figure 18.20.