



Subject	Year	Term										
Computer Science	8	3										
Topic												
Creating Digital Artefacts & Web Development												
Content (Intent)												
Prior Learning (Topic)	Flowol and Kodu											
<p>Students will learn how to create a series of images for a website from a brief, they will create them using Photoshop, learning how to use professional software. This will involve planning, sourcing royalty free images and designing their work</p> <p>Learn the basic building blocks of the worldwide web, HTML and CSS.</p>												
Future Learning (Topic)	ECDL											
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)											
<p>Learn how to follow a brief. Learning about Creative Commons licencing and the importance of copyright. Students will be shown how to use Photoshop to build images of different sizes. Students will learn how to export images in different formats.</p>	<p>Digital images will be reviewed. Students will complete their work in a digital workbook. The unit will be assessed with a Teams test.</p>											
<p>Students will learn about HCI and how and why websites are laid out. They will create a mutli page website in HTML and style it using CSS. They will add the images from their previous unit to their website.</p>	<p>Students will complete their work in a digital workbook. The unit will be assessed with a Teams test. The students web files.</p>											
How can parents help at home?												
Talk to students about websites and the similarities between them.												
Helpful further reading/discussion (including Reading and Vocabulary Lists)												
<p><b>Reading</b></p> <p><a href="#">KS3-Computer-Science-Knowledge-Organiser-Photoshop.pdf (bohntworth.com)</a></p> <p>Good HCI</p> <p><a href="#">What is HCI? A Complete Guide to Human-Computer Interaction   Blog - BairesDev</a></p>	<p><b>Vocabulary Lists</b></p> <table border="0"> <tr> <td>Brief</td> <td>HTML</td> </tr> <tr> <td>Layer</td> <td>CSS</td> </tr> <tr> <td>Opacity</td> <td>HCI</td> </tr> <tr> <td>File Format</td> <td></td> </tr> <tr> <td>Resolution</td> <td></td> </tr> </table>		Brief	HTML	Layer	CSS	Opacity	HCI	File Format		Resolution	
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