

Diamond Computing Skills Progression – Year B

<p>My Online Life (Y6) Big Idea: Digital Literacy</p>	<p>I can use a search engine and I am aware that not everything I read online is correct and that other people may be attempting to influence my opinions.</p>	<p>I can explain how to protect my computer or device from harm on the internet.</p>	<p>I understand the need for copyright and the consequences of ignoring it.</p>	<p>I support my friends to protect themselves and make good choices online, including reporting concerns to an adult.</p>	<p>I am aware of the ways in which the media can shape our ideas about gender.</p>	<p>I am aware that if I need help, I keep asking for it until I get help.</p>
	<p>I am aware of the need for positive online relationships and I am mindful of others feelings at all times.</p>	<p>I understand I need to create a positive online reputation.</p>	<p>I know how to capture evidence of online bullying and how to report it.</p>	<p>I know how to keep my data private and secure.</p>	<p>I understand the impact technology can have on my health, wellbeing and lifestyle.</p>	
<p>News Reporter (Y5) Big Idea: Information Technology</p>	<p>I can record and produce a podcast / audio clips.</p>	<p>I can use unfamiliar technology to create content.</p>	<p>I can improve the quality and presentation of my work.</p>			
<p>Micro:Bit – Getting Active (Y6) Big Idea: Computing Science</p>	<p>I can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.</p>	<p>I am a responsible, competent, confident and creative users of information and communication technology.</p>	<p>I can design, plan and create complex programs.</p>	<p>I can test, debug and modify a program to improve it.</p>	<p>I can use logical reasoning to detect and correct errors in algorithms.</p>	
<p>NEWSWISE: The Guardian – unit 2/3 Big Idea: Digital Literacy and Information Technology</p>	<p>I can use a search engine and I am aware that not everything I read online is correct and that other people may be attempting to influence my opinions.</p>	<p>I am aware of the ways in which the media can shape our ideas about gender.</p>	<p>I understand I need to create a positive online reputation.</p>	<p>I understand the impact technology can have on my health, wellbeing and lifestyle.</p>	<p>I can create and combine a range of media in order to produce digital content.</p>	<p>I can improve the quality and presentation of my work using editing and formatting techniques.</p>
<p>VR Worlds (Y6) Big idea: Information Technology</p>	<p>I can create a consistent design for my presentation and present to others.</p>	<p>I understand how computer networks work, including the internet.</p>	<p>I can create and combine a range of media in order to produce digital content.</p>	<p>I can improve the quality and presentation of my work using editing</p>	<p>I can create a digital storyboard to plan a project or investigation.</p>	

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Coding Playground (Y6) Big Idea: Information Technology	I can test, debug and modify a program to improve it.	I can write a program using a text-based programming language.	I can use logical reasoning to detect and correct errors in algorithms.			