

Diamond Computing Skills Progression – Year B

My Online Life (Y6) Big Idea: Digital Literacy	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.	I can explain how to protect my computer or device from harm on the internet.	I understand the need for copyright and the consequences of ignoring it.	I support my friends to protect themselves and make good choices online, including reporting concerns to an adult.	I am aware of the ways in which the media can shape our ideas about gender.	I am aware that if I need help, I keep asking for it until I get help.
	I am aware of the need for positive online relationships and I am mindful of others feelings at all times.	I understand I need to create a positive online reputation.	I know how to capture evidence of online bullying and how to report it.	I know how to keep my data private and secure.	I understand the impact technology can have on my health, wellbeing and lifestyle.	
News Reporter (Y5) Big Idea: Information Technology	I can record and produce a podcast / audio clips.	I can use unfamiliar technology to create content.	I can improve the quality and presentation of my work.			
Micro:Bit – Getting Active (Y6) Big Idea: Computing Science	I can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.	I am a responsible, competent, confident and creative users of information and communication technology.	I can design, plan and create complex programs.	I can test, debug and modify a program to improve it.	I can use logical reasoning to detect and correct errors in algorithms.	
NEWSWISE: The Guardian – unit 2/3 Big Idea: Digital Literacy and Information Technology	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.	I am aware of the ways in which the media can shape our ideas about gender.	I understand I need to create a positive online reputation.	I understand the impact technology can have on my health, wellbeing and lifestyle.	I can create and combine a range of media in order to produce digital content.	I can improve the quality and presentation of my work using editing and formatting techniques.
VR Worlds (Y6) Big idea: Information Technology	I can create a consistent design for my presentation and present to others.	I understand how computer networks work, including the internet.	I can create and combine a range of media in order to produce digital content.	I can improve the quality and presentation of my work using editing	I can create a digital storyboard to plan a project or investigation.	

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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.			