

Diamond Computing Skills Progression – Year A

My Online Life (Y5) Big Idea: Digital Literacy	I can search for someone online and create a summary report about that person.	I understand the need for copyright and the consequences of ignoring it.	I am aware that there are people online who may try to upset me and my group of friends. I make a positive contribution to my online community.	I understand the impact online bullying can have and know what to do if I am the victim or I witness online bullying.	I understand the impact technology can have on my health, wellbeing and lifestyle.	In can create a strong password and understand the real cost of some apps.
	I am aware that my identity can be copied by other user's and take appropriate measures to minimise the risk.					
Crossyroads (Y6) Big Idea: Computer Science	I can design, plan and create complex programs.	I can test, debug and modify a program to improve it.	In can use logical reasoning to detect and correct errors in algorithms and programs.			
Solve IT Club (Y6) Big Idea: Information Technology	I can collaborate to create digital content.	I can create a consistent design for my presentation and present to others.	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.	I can create a digital storyboard to plan a project or investigation.	
Music Composer (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.			
STEAM Challenges (Y5) Big idea: Computer Science	I can film and produce a short video.	I can decompose a problem, design an algorithm and use this to write a program.	I can use logical reasoning to detect and debug a program.	I can use unfamiliar technology to create content.		
AR Games (Y5) Big Idea: Information Technology	I can collaborate to create digital content.	I can create a consistent design for my presentation and present to others.	I can use unfamiliar technology to create content.	I can improve the quality and presentation.		