

Y6 computing overview 2021-22: *Communication, Web Page Creation, Variables in Games*

Computing Activity	Building Skills and Disciplinary Knowledge	Approaches to Building Skills and Disciplinary Knowledge	Building Substantive Knowledge and Understanding	Approaches to Building Substantive Knowledge and Understanding	Curricula Materials	Assessed through (T1 T2 T3)		
						Exploring Responding Designing Creating Evaluating		
Databases	 Create and edit content on digital applications Use internet services to create content that presents information Use internet services to create and evaluate content that presents information Design and create content 	 Class/group tuition with reference to existing databases 						
Using the internet	 Use search technologies effectively Be discerning in evaluating digital content Be discerning in evaluating digital content 	 Class/group internet browsing, followed by reflective discussion 	 Class teacher talk through programs and algorithms with opportunities to try different programs Observing algorithms and debugging them 					
Problem solving	 Solve problems by decomposing them into smaller parts Design programs that accomplish specific goals Write programs that accomplish specific goals Debug programs that accomplish specific goals Use logical reasoning to detect and correct errors in algorithms and programs 	 Class, then group opportunities for problem solving 						
Communicat ing	 Understand the opportunities networks offer for communication and collaboration Use a variety of software (including internet services) to present information 	 Observational opportunities to work as part of a group 	 Teacher led creating and editing Observing pre- existing master pieces and masters in the field 					
SMSC	 Use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour To know how to seek help – where to go, and how to set privacy settings Recognise acceptable/ unacceptable behaviour Knowing how to find out about website or game policies 	 Teacher guidance on safe internet use and introduction to supportive websites (NSPCC) 						