

High Tunstall College of Science Curriculum Intent

Topic:	Computational Thinking	Year:	7	Half Term:	4	
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	Computing	Progress		
Торіс	Key Ideas	R	Α	G
Computational Thinking	I understand what the four elements of Computational Thinking are			
	I understand that before computers can solve a problem, the problem and how it can be resolved, must be understood			
	I can identify different types of problems			
	I can describe solutions to different problems			
	I can apply understanding of problem solving using previous knowledge to reach a solution			
	I understand how to use the Flowol Software			
	I can apply computational skills to a problem in order to solve it			
	I can create algorithms in Flowol that mimic real-life scenarios			

Lesson	Learning Focus	Assessment	Key words
1	I can demonstrate an understanding of the four components of Computational Thinking	Formative questioning Populated pages in OneNote Socrative assessment	Decomposition, Abstraction, Pattern Recognition, Algorithms, Problem Solving
2	I can use Computational Thinking to solve problems	Formative questioning Populated pages in OneNote Socrative assessment	Decomposition, Abstraction, Pattern Recognition, Algorithms, Problem Solving
3	I can use Flowol to mimic real life scenarios	Formative questioning Populated pages in OneNote Socrative assessment	Decomposition, Abstraction, Pattern Recognition, Algorithms, Problem Solving, Flowol, Mimic
4	I can use Flowol to mimic real life scenarios	Formative questioning Populated pages in OneNote Socrative assessment	Decomposition, Abstraction, Pattern Recognition, Algorithms, Problem Solving, Flowol, Mimic
5	Complete an assessment on Computational Thinking	All of the above	All of the above
6	Feedback to assessment	All of the above	All of the above