

Computing Vocabulary Progression Document

The Horsell Village School



Computational Thinking	
Approaches	Concepts
<p>Tinkering: Playing and exploring, changing things to see what happens</p> <p>Creating: Designing and making</p> <p>Collaboration: Playing and working together</p> <p>Debugging: Finding and fixing errors</p> <p>Persevering: Not giving up</p>	<p>Logic: predicting and analysing</p> <p>Evaluation: making judgements</p> <p>Patterns: Spotting and using similarities</p> <p>Abstraction: Working out what is important and removing unnecessary detail</p> <p>Algorithms: making steps and rules</p> <p>Decomposition: breaking problems down into steps</p>

	Reception	Year 1	Year 2
<p>Computer Science</p> <p><i>Computer science is the part of our curriculum that explores coding and programming allowing children to create and debug simple programs using logical reasoning to predict what might happen.</i></p>	Beebot Equipment Toy Pulley iPad Tablet Computer Laptop Play Internet	Outcomes Direction Algorithm Information Code Steps Program Predict Control Device	Program Pattern Shape Simulation Reality Logic Algorithm Code Purpose Compare Navigate Sequence Identify Error Debug Action Input Output
<p>Digital literacy</p> <p><i>As children begin to make links to how they use technology outside of the classroom, they can begin to think about the benefits of using technology in their lives. Digital Literacy is the knowledge and application of skills that children use to technology to create, store and organise information enabling them to use technology in school and at home.</i></p>	Keyboard Mouse Computer Home School Touch Screen Screen	Arrows Username Password Capital letter Technology Modern/not modern	Save Search Search Engine Film Video Share E-mail Edit Copy
<p>Online Safety</p> <p><i>Being able to use technology safely is paramount to using technology both in school and at home and children are taught about how to do this through the online safety area of the curriculum.</i></p>	Follow Understand Rules Home School Adult See Bad Kind Website	Online Inappropriate Password Private Agree Safety Follow Important Personal information Worry App	Evaluate Website Content Offline Stranger Polite Explain Digital footprint Post