

Overchurch Junior School Coding vocabulary

Below is the vocabulary the children will learn in each year group as well as a break down of skills. The highlighted yellow words are new skills/ vocabulary they will be exposed to in that year group.

Year 3

	Skills	Vocabulary
Coding	Students will create programs with loops, events, and conditionals. They will translate their initials into binary, investigate different problem-solving techniques, and discuss how to respond to cyberbullying. By the end of the course, students will create interactive games that they can share. Each concept in Course C is taught from the beginning, graduating toward experiences that allow for growth and creativity to provide all students a rich and novel programming experience.	Algorithm Debug Sequencing Variable Binary Loop Bug Repeat Condition Conditionals Program Programming Event

Year 4

	Skills	Vocabulary
Coding	Overview of earlier topics and refresh basic ideas such as repeat loops and events. Students will develop their understanding of algorithms, nested loops, while loops, conditionals, and events. Begin to use nested loops	Algorithm Debug Program Loop Programming Event Command While Loop Conditionals Binary Binary Alphabet

Year 5

	Skills	Vocabulary
Coding	Students will practice coding with algorithms, loops, conditionals, and events	Bug Debug Program

	before they are introduced to functions	Programming Repeat Loop While loop Sprite Event Condition Conditionals Function Define
--	---	---

Year 6

	Skills	Vocabulary
Coding	Students will create programs with different kinds of loops, events, functions, and conditionals. They will also investigate different problem-solving techniques and discuss societal impacts of computing and the internet.	Function Behaviour Sprite Event Loop Repeat Variable Constant Models and simulation For loop