

Coding Vocabulary

| <u>Year 3</u> | | Vocabulary |
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| 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 |
| <u>Year 4</u> | | 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 |
| <u>Year 5</u> | | Vocabulary |
| Coding | Students will practice coding with algorithms, loops, conditionals, and events before they are introduced to functions | Bug Debug Program Programming Repeat Loop While loop Sprite Event Condition Conditionals Function Define |
| <u>Year 6</u> | | 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 |