

Scope and Sequence

Unit	Theme	Code focus
CC1.1 Intro to Vidcode	What does it mean to be a programmer?	Sequence, functions & arguments, objects & properties
CC1.2 The Creation Zone	Programmers work together!	Variables, arrays, objects, properties
CC1.3 A Tale of Special Effects	What kind of programmer are you?	Loops, randomness
CC1.4 Conditional Magic	Programmer culture: sharing, commenting, iteration	Conditionals, operators
CC2.1 Make it Interactive!	Handling user interaction is an important part of programming!	Event listeners, logical operators
CC2.2 Algorithms and Art	Control structures give you creative control!	Loops, functions
CC2.3 Word Wizardry	With user input, the possibilities are endless!	String manipulation, parameters
CC2.4 Choose Your Own Codeventure!	Programmers learn from each other!	Simulations, combining control structures
CC3.1 Make a Plan!	Object-Oriented Programming	Objects, object constructors, properties, methods
CC3.2 Make it Work!	Data Structures	Objects, arrays, variables
CC3.3 Make Your Mark!	Algorithms and Data Structures	Nested loops and conditionals, data structures
CC3.4 Make up Your Mind!	Artificial Intelligence	Decision trees, heuristics