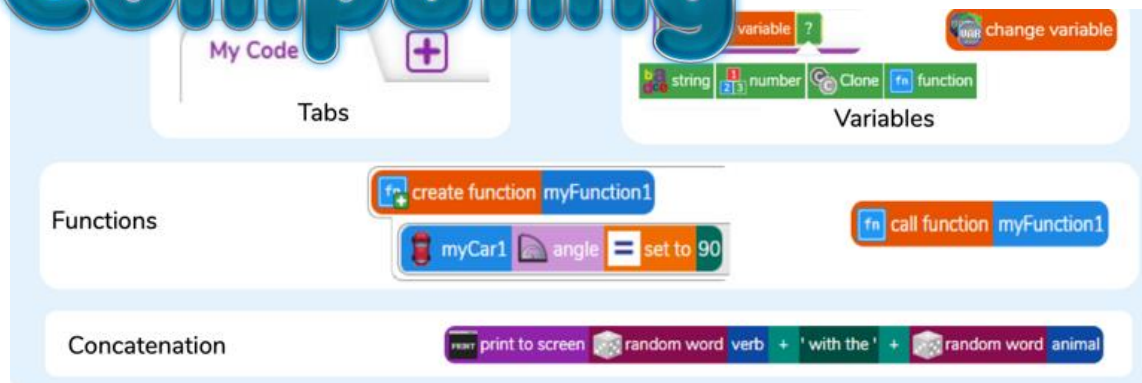


Coding Computing



National Curriculum

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Key Vocabulary

abstraction	coordinates	Event	logic
action	concatenation	Flowchart	problem-solving
algorithm	datatype	function	debugging
Substantive- Subject Knowledge		Bigger Picture- Supporting Words	

Intents	Pupil	Teacher
Can I understand some ways that code can be simplified so that it is easier to read and runs more efficiently?		
Can I program a computer simulation using 2Code?		
Do I know what decomposition and abstraction are in Computer Science?		
Can I understand what a function is and how functions work in code?		
Do I understand what datatypes are and how they are used when coding with variables?		
Can I read code, predict outcomes and identify and fix bugs?		