

We Are Programmers

Computer Science



Year 3 – Autumn Term

What I should already know:

- I know how to drag blocks together to create a sequence of instructions on ScratchJr.
- I will know the blue blocks on ScratchJr make my sprite move and the green blocks make my sprite make a sound.
- I can put 4 instructions together to create an algorithm.

Online Safety



- I will not tell anyone my name, address or my school name online.
- I will not use or send a photo of myself online.
- I will keep my passwords secret from anyone who is not my trusted adult.
- I will not download anything without asking my trusted adult first.

Vocabulary

Algorithm	A set of instructions that a computer will follow.
Bug	A mistake in an algorithm
Code	instructions that can be understood by a computer
Debug	correct mistakes in an algorithm
Decomposition:	Breaking a problem down into smaller parts
Event	Something that happens within a computer program to make a code work
Program Programming	sequence of instructions that can be followed by a computer
Sprite	a character that will follow an algorithm

Essential Knowledge

- I will know to use the blue code for motion and the purple code for sounds in Scratch.
- I will know how to join codes together to create an algorithm in Scratch.

Essential Skills

- I will put 6 blocks on Scratch into an order to make my Sprite move and speak.
- I will watch my program and debug any mistakes.