



Key Vocabulary

animation	Bringing concepts to life through 2D or 3D moving pictures or photographs, for example cartoons.
code	A set of instructions written in programming language, to tell a computer what to do.
Code block	A visual representation for a section of code that performs a certain job. They can be snapped together to build a program.
debug	To remove and repair the error or mistake in computer code.
decompose	To break something down into smaller chunks.
interface	The menus, buttons and other functions which makes a computer program or website intuitive to humans.
loop	A repeated sequence of instructions.
Repetition code	To create loops in your program, to make it more efficient.
Remixing code	Altering code that already exists
sprite	Visual objects that can be moved or perform an action through code, for example: move forwards by one step.
tinker	To explore and play with something to discover the key functions.

Prior Learning – sticky Knowledge I have.

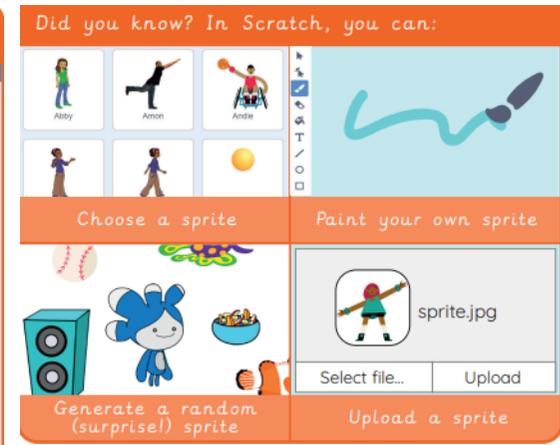
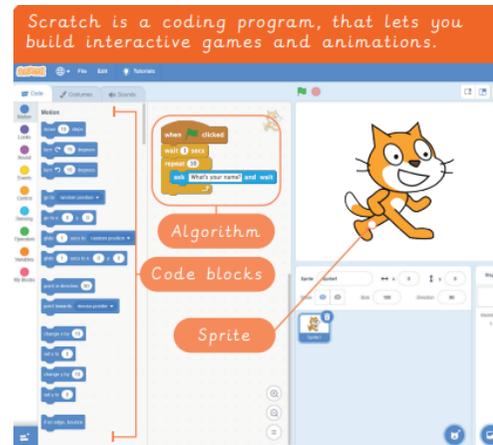
Coding is writing in a special language so that the computer understands what to do. The character in Scratch Jr is controlled by the programming blocks. A program can be written to create a musical instrument or tell a joke. Loops in programming are where you set a certain instruction (or instructions) to be repeated multiple times. Code blocks let you build algorithms. Machine learning enables computers to make predictions. Abstraction is the removing of unnecessary detail to help solve a problem

What I will learn – new sticky knowledge.

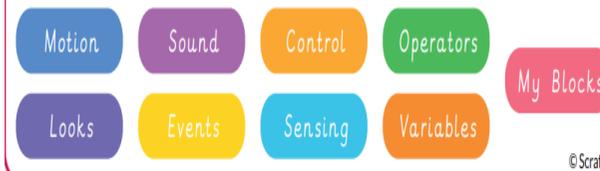
Scratch is a programming language with different functions, that lets you build interactive games and animations.

Loops can improve programming. Decomposition simplifies programs.

An existing code can be remixed and adapted.



Scratch code blocks colour key:



Challenge

How can you use an existing code to help you?

- We are Aspirational Leaders: * Responsibility and respect *Creativity, innovation and curiosity *Confidence and resilience



Key Vocabulary

How well do I understand our key vocabulary?



animation			
code			
Code block			
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decompose			
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loop			
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tinker			

What sticky knowledge can I remember from my learning?

Large empty box for writing sticky knowledge.



Challenge

How can you use an existing code to help you?

