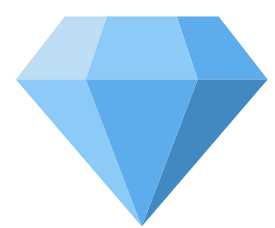
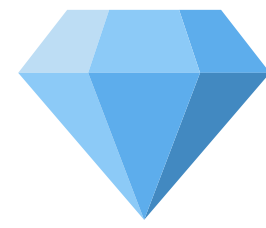


I have already learned:

- To make a Sprite move in four directions
- To write a program to make a sprite complete a series of actions
- To change the appearance of a sprite
- To use a count-controlled loop



KNOWLEDGE GEMS



I am going to learn:

- To modify a section of code to achieve a new outcome
- To use an infinite loop
- To choose when to use a count-controlled loop or an infinite loop
- To identify which parts of a loop can be variables
- To design and create an algorithm using count-controlled and infinite loops
- To test and debug my algorithm

Outcome:

To create a game using infinite loops, count-controlled loops and sound effects

Q Careers in programming x



App Developer
Design and create apps for phones and tablets.



Vocabulary

code	A set of instructions in a computer program
count-controlled loop	A command that repeatedly runs a section of code a certain number of times.
infinite loop	A command that repeatedly runs a section of code until told to stop.
modify	To change something to make it suit a purpose
repetition	Doing the same thing a number of times
algorithm	A list of instructions that tell you what to do step by step



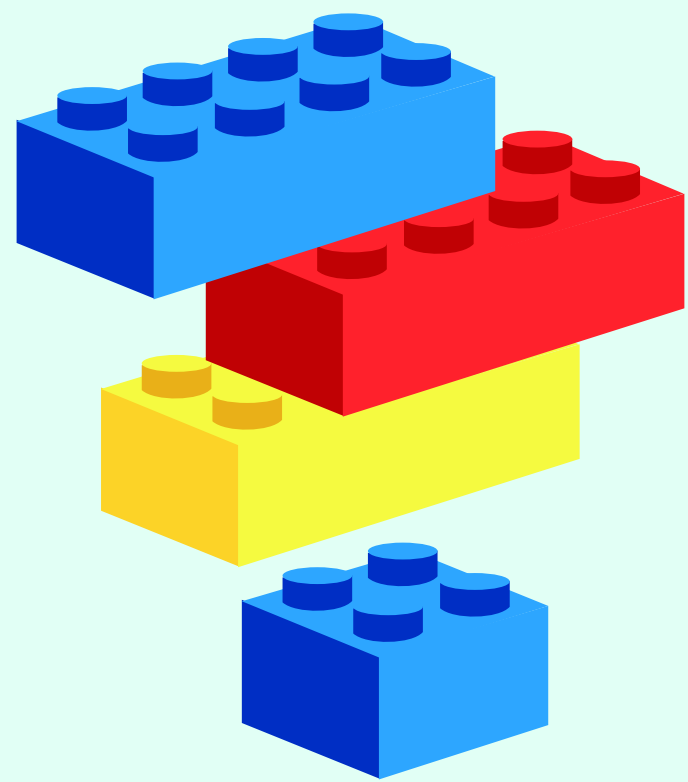
How computers work and how they are made.

How to use computers to create digital content.

How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

Building Blocks to E-Safety



E-Safety Tips

- Be careful when downloading or installing programs on your computer. Only download programs from trusted sources, like your parents or teachers.
- Be cautious when using computers that are shared with others. Make sure that you close down or log out of everything that you have been using when you have finished.
- Don't click on links you don't recognise. If you click on something you shouldn't have, step away from the computer and tell a trusted adult straight away

Useful Links

Lesson 2 link



Lesson 4 link



Lesson 5 link

