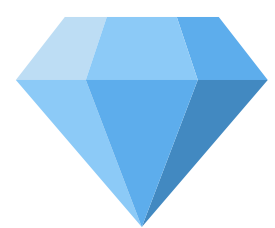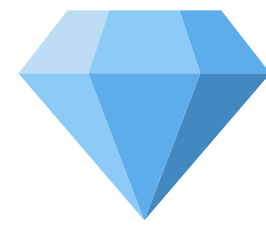## I have already learned:

- How to sequence blocks to make a program
- How to create an algorithm to make an event happen
- That selection is used to control what happens in a program
- That selection can be done using 'if...then' statements

KNOWLEDGE GEMS

I am going to learn:

- To use selection in a infinite loop to check whether a condition is true or false
- To explain that a condition can direct the flow of a program in one of two ways
- To design and create 'if...then...else' statements
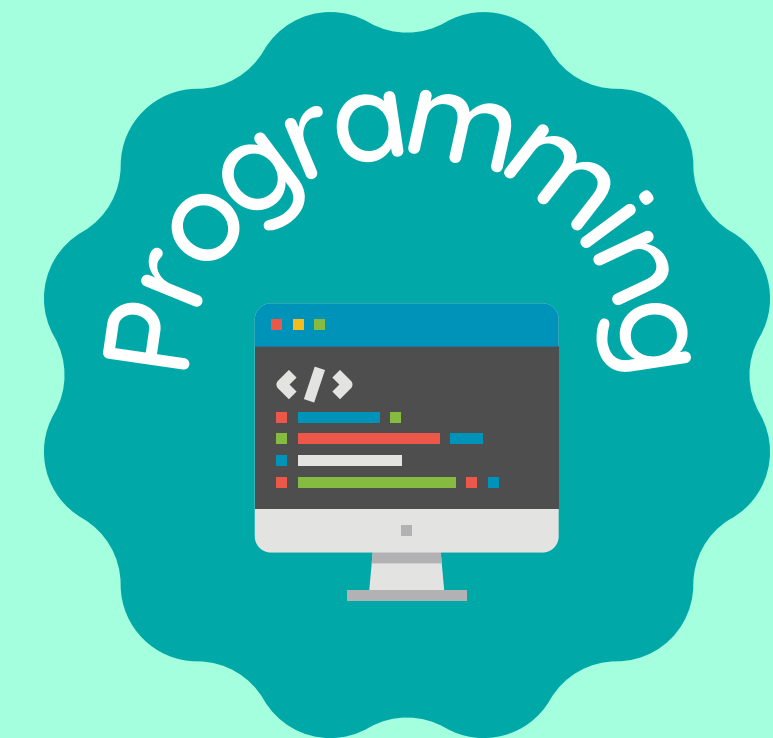- To test and debug a partner's program and suggest improvements

Outcome:

To create a quiz using selection to control the flow of the program

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Careers in programming ×

Automation Engineer

Creating and programming technology or software that works on its own without needing humans

Programming

Vocabulary

command	A single instruction that can be used in a program to control a computer.
algorithm	A precise set of steps that can be followed to achieve a task.
condition	A statement that can be True or False.
selection	Part of a program where if a condition is met, a set of commands is run.
repetition	Part of a program where one or more commands are run in a loop.
infinite loop	A command that repeatedly runs a section of code until told to stop.
outcome	The final result of a program

Computer Science
How computers work and how they are made.
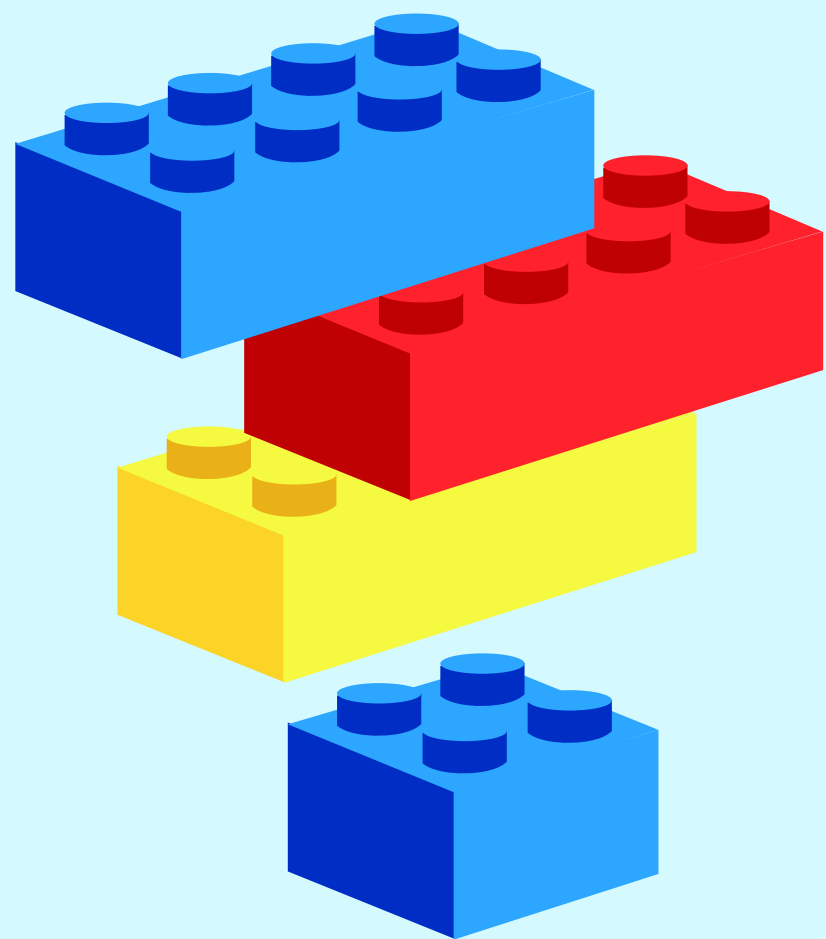
Information Technology
How to use computers to create digital content.

Digital Literacy
How to be safe and responsible on computers.

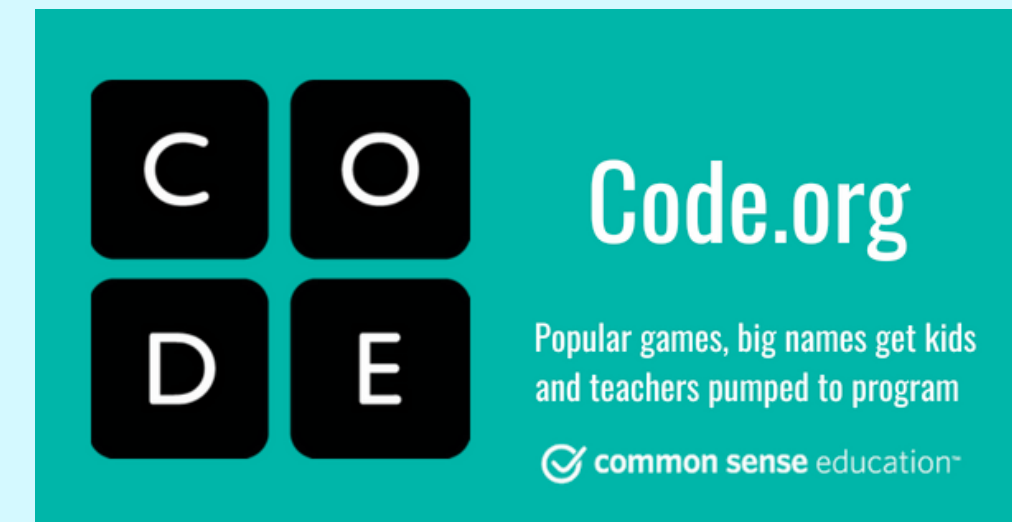**Which strands of computing have you been learning about today?**

Building Blocks to E-Safety

E-Safety Tips
- Remember that once something is posted online, it can be difficult to remove completely. Think about the long-term consequences before sharing anything.
- Regularly review your social media privacy settings. Ensure that you have control over who can see your posts and personal information.
- Remember that your online reputation is built over time and is a reflection of your actions and behavior. Strive to be a responsible and respectful digital citizen to cultivate a positive online presence.

"Selection in coding is like a compass guiding your program's way, making choices along the path to bring your code to life"