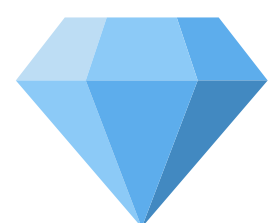


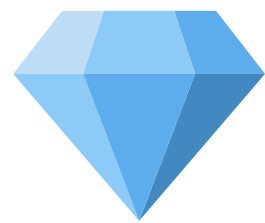
I have already learned:

- To program a computer by typing commands
- To write an algorithm to make a sprite complete a goal
- To make a sprite move in four directions
- To sequence commands to make a program
- To debug my programs



KNOWLEDGE GEMS

I am going to learn:



- To program a computer by typing commands
- To use a template to draw what I want my program to do
- To write an algorithm and test an algorithm in a text-based language
- To write a program using count-controlled loops
- To develop my program by debugging it

Outcome:

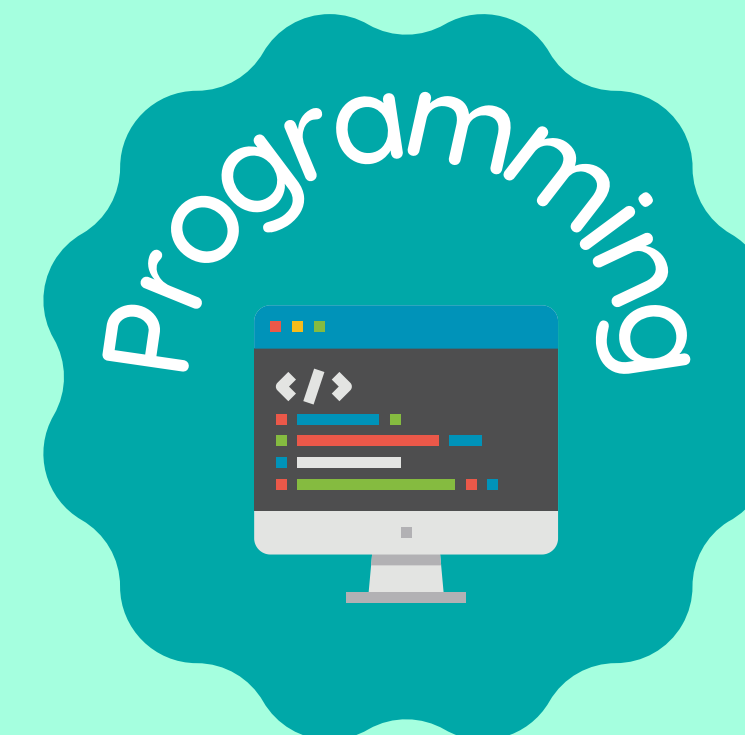
To use count-controlled loops to design and create a wrapping paper design.

Q Careers in programming x



Creative Technologist

Design and maintain technology that helps people to create art.



Vocabulary

algorithm	A list of instructions that tell you what to do step by step
program	A set of ordered commands that can be run by a computer to complete a task
count-controlled loop	A command that repeatedly runs a section of code a certain number of times.
decomposition	breaking down larger events into smaller ones
repetition	doing the same thing a number of times
debug	To find and fix errors in a code



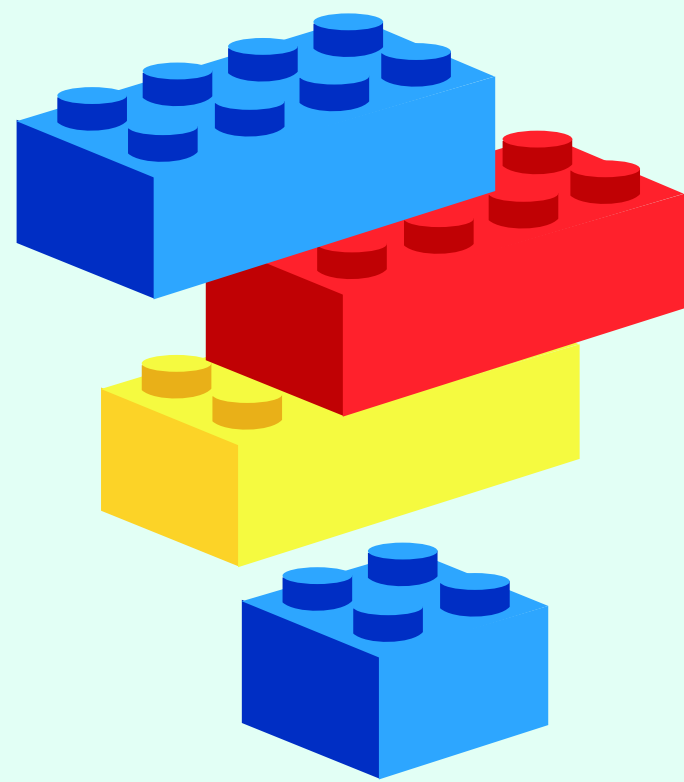
How computers work and how they are made.

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



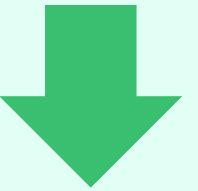
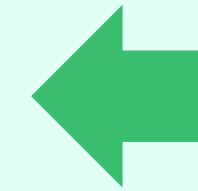
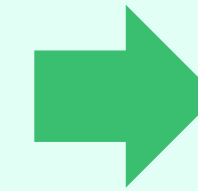
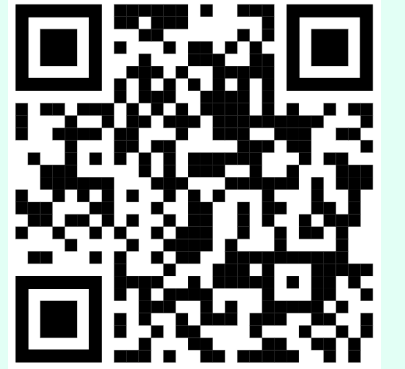
E-Safety Tips

- 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



turtle
academy



Try it at home!

Can you use Logo Turtle Academy to create a star?

What other shapes can you make?

