STEM@CGI
SCIENCE - TECHNOLOGY - ENGINEERING - MATHEMATICS
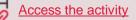
CGI

STEM@CGI **At Home**

"STEM@CGI At Home" offers weekly STEM based activity packs with practical STEM activities for children. **Get your family involved, learn and have fun**!

Engineering!

What is it? An engineer is a person who designs and builds products, systems, or structures. This can include buildings, machinery or roads, as well as making environmentally friendly changes to our homes. You're going to become an engineer for the week!

ACTIVITY – CREATE YOUR OWN TECH TOYS

Introduction – In this project, you'll learn how to code your own tech toys. You'll start off by creating a pair of sunglasses and will then move on to a helicopter.

Access the activity

What you will need

A computer capable of running Scratch and Scratch 3 software (either online or offline).

What you will learn

How to animate sprites, how to respond to keyboard input and understand how broadcasts work.

BONUS ACTIVITIES

Reminder that third party software should not be downloaded on CGI devices.

- Balloons - Learn how to make a balloon popping game.
- Brain game - Learn how to create a quiz.
- Falling Stars - Make a platform game with your own characters, levels and powers.
- Guess the Flag - Create a flag quiz game for your friends.
- Jazzy Jumpers - Create a memory game involving jazzy jumpers.

Stay healthy and safe!