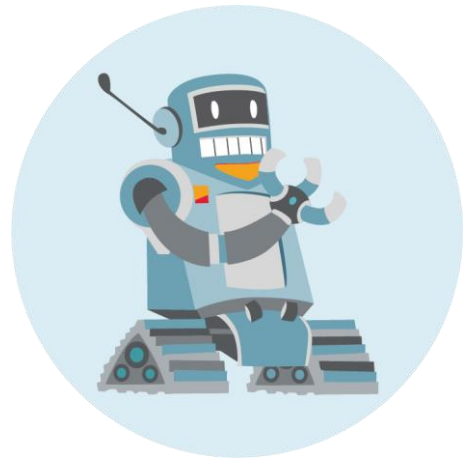# STEM@CGI **At Home**

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

ACTIVITY – CREATE YOUR OWN DIGITAL ROBOT!

In this activity, you will learn how to position images to design and create your own digital robot! Using the programming language CSS, you will position parts to assemble your creation. You can also draw your own parts!

You can access this activity here.

What you will need

A computer capable of accessing trinket.io. This project can be completed in a web browser, best accessed via the 'Giving your robot eyes' page.

Students - What you will learn

- How to use basic programming constructs to create simple programs.
- How to creatively use code to make aesthetically pleasing imagery

BONUS ACTIVITIES

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

- Archery- Shoot arrows as close to the bullseye as you can
- Canine Quiz- Learn how to use App Inventor to make a quiz app
- Guide to my country- Learn to make a website to advertise your town/city/country
- Happy Birthday- Learn how to make an online birthday card using HTML and CSS
- Rock Band- Learn how to code your own musical instruments

Stay healthy and safe!