

Python programming 6 Challenges

We are using 2 platforms for this:

code club

<https://projects.raspberrypi.org/en/pathways/python-intro>

And trinket

<https://trinket.io/>

To set yourself up, open both of these websites in separate browser tabs.

Create an account for yourself in each, and be sure to remember the password.

This week we're getting ARTY



CHALLENGE ONE

Getting started

BRONZE:

Decide what you want your motif to be. It should be:

1. A function
2. With parameters that define details of how it behaves

Once you've done this, share with a robot club helper who can confirm you have Bronze before continuing.

CHALLENGE ONE

Repeat repeat repeat

SILVER :

Decide how you are going to repeat your motif, and using a for loop and transformations, get it to repeat in interesting ways

CHALLENGE ONE

Creativity unleashed!

GOLD :

Go mad! Be creative! Rotate, expand, shrink, animate, explore