## Draw squares with Scratch

Let's draw a square using the Scratch coding language.
Go to scratch.mit.edu and click on Create. Compose the code below.


Now edit and run the code to get this pattern.


## Draw circles with Scratch

Enter this code to draw a circle.


Enter this code to draw a circle faster.


## Make a block with Scratch

Let's create a new block called

## draw circle

- in the Scripts menu, click on More Blocks
- click on New Block
- in the dialogue box that pops up, type "draw circle" for the name of the new block

- click OK - define: draw circle will appear in the coding window

- drag the repeat block that draws a circle and place it as shown below


Lots of squares, in colour! (with Scratch)
Edit the code below to draw a squares pattern instead.

[from Start a Math + Coding Club ... http://researchideas.ca/documents/math-coding-club.pdf]

