



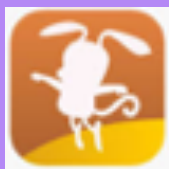
Year 4

Repetition in shapes

Key vocabulary

Rotate	To turn something, usually by a fixed angle/number of degrees
Input	The information put into a computer
output	The result of the computer running a process on the input data
Decompose	Break a task down into parts
Script	An automated sequence of instructions carried out in order (an interpretation of an algorithm)
Repeat	To do the same action again
Loop	A section of code that repeats a set number of times or until something happens
Indefinite	Will go on for ever unless stopped

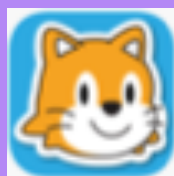
Apps/ Software



Pyonkee

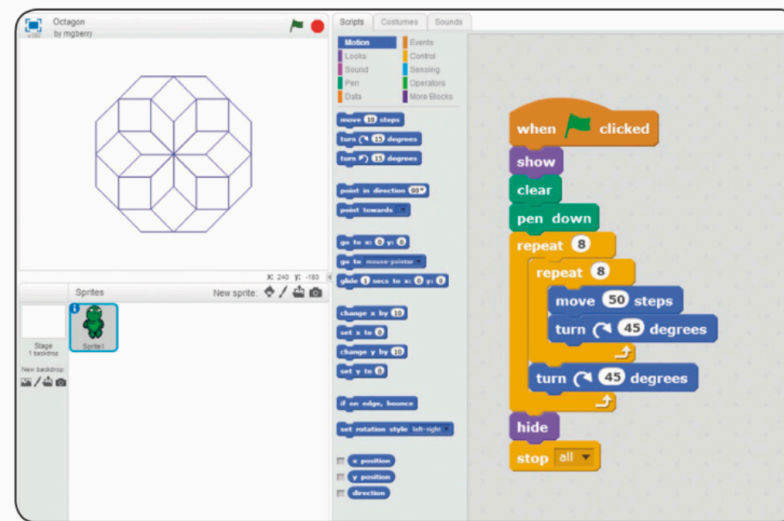


Seesaw



Scratch

Repetition of line and angle in code

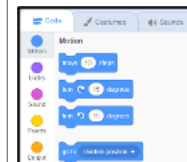


Coding repetition of line, angle and rotation creates geometric patterns.

The main areas of Scratch

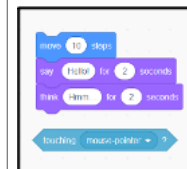
The Blocks Palette

Contains all of the different blocks



Code Area

Where the blocks are placed to create a program.



Stage with Sprite

The output of the program is presented. The sprite is the character.

