Year 4
Repetition in shapes
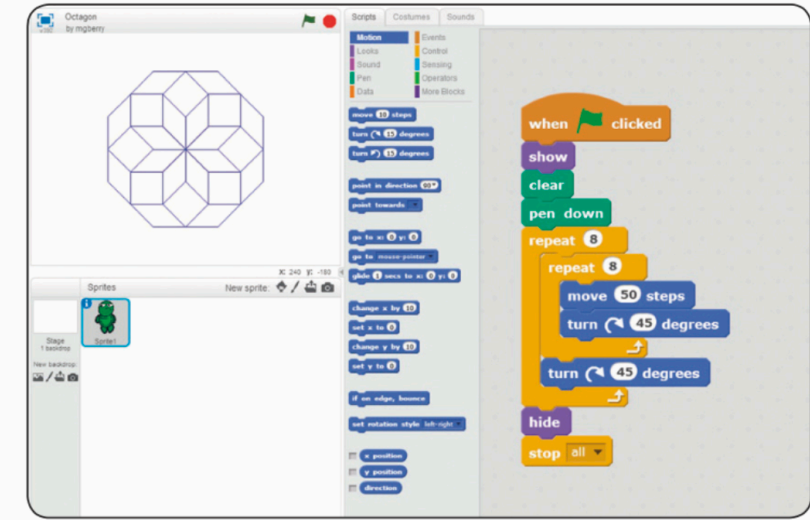
Key vocabulary

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
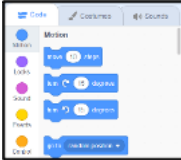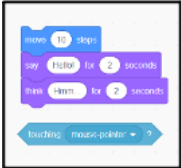

Pyonkee   Seesaw   Scratch

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 place to create a program.	
Stage with Sprite	The output of the program is presented. The sprite is the character.	