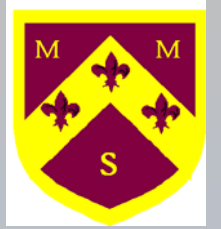


Knowledge Organiser Computing Lower Key Stage 2

Programming Turtle Logo and Scratch



Key Content and Vocabulary

Backwards - Algorithm, instructions, commands, forward (fd), left (lt), right (rt), move, turn, clear screen (cs), variable.

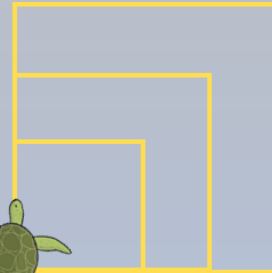
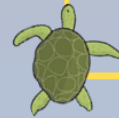
Repeat -pen up, pen down.

Regular Polygons - calculation.

Drawing - Sprite, block, command, background or backdrop, algorithm, move, turn, green flag, key press, pen.

Regular Polygons in Scratch - repeat.

Pens



```
repeat 4[fd 50 rt 90]
penup fd 100
pendown
repeat 4[fd 50 rt 90]
```

Key aims

This unit will further develop algorithms using the "repeat" command. These skills are then developed by teaching children to create algorithms in Scratch using a selection of blocks.

