



# Activity Card 10

## Tessellations

- The word **tessellation** comes from the Latin word 'tessa' and means a 'tile'. The Romans enjoyed creating lovely patterns using square tiles.
- Work with a partner and use 12 tiles. Arrange them into a simple tessellation that has four neat sides. How many different ways can you find to arrange the 12 tiles?
- Could you use the commands you remember in Logo to create a tessellation?

These first two **repeat** commands will draw right and left squares for you:

**repeat 4[forward 60 right 90]**

**repeat 4[forward 60 left 90]**

These commands will move and change the direction of the turtle for you:

**forward 60**

**right 90**

**left 90**

- Now you can use your imagination to create a tessellation.
- When you have finished, you might like to print a copy and then perhaps colour it in lightly.