



LOWER Key Stage 2 - GEOGRAPHY

Lesson title – *Mapping the Kitchen Garden*

Time of year – all year

Curriculum topic – Geography

Focus of learning objectives

To use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge.

To use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Curriculum objectives

Geographical skills and fieldwork

Key vocabulary

Sketch map, scale, compass, key

Additional Curriculum links

Geometry - properties of shapes

- Draw 2-D shapes and recognise 3-D shapes.
- Recognise angles as a property of shape and describe them.
- Identify horizontal and vertical and parallel lines.

Science - habitats

Resources required

What we will provide: Sketch map of the Kitchen Garden

What you should bring:

- Simple compass
- Mobile phone with access to What 3 words app
- OS map of west London showing Chiswick House (or use the OS website at <https://explore.osmaps.com/>)

Preparation required

- Read the **Self-led Teaching Resource – Introduction to the Kitchen Garden**

Other relevant information



Introduction to activities

20 minutes

Look at an OS map which includes Chiswick house and locate the Kitchen Garden.
Is it possible to pick out the main features?

- Compare the OS map with the sketch map in the teachers notes.
- Work out the OS reference for the Kitchen Garden. Check this using digital technology.
- What is the what 3 words reference for the 4 corners of the Kitchen Garden?

Activities in the Kitchen Garden

90 minutes

Activity 1 Drawing a sketch map

Draw a sketch map of the Kitchen Garden and include the following the main features of the garden:

- Use a compass to mark the compass points.
- Go for a walk in the Kitchen Garden using the sketch map to devise a map of the Kitchen Garden showing detailed location of different features including the location of fruit trees and bushes, and different produce.
- Walls and other structures
- Include a scale on your map by pacing out the different features e.g. length of paths and areas of fruit beds etc
- Devise a key.

Activity 2 Shape walk

- Go on a shape walk and identify different 2-D and 3-D shapes in the gardens.
- Look for angles in the Kitchen Garden and discuss their properties.

Activity 3 Gate art

- Look at the old wrought iron gate at the entrance to the Kitchen Garden. Notice the repeating patterns.
- Include the gate in your sketch map.
- Draw a sketch of the gate or design your own design.

Extension Activity

10 minutes

Go for a walk and identify horizontal, vertical and parallel lines

- Take note of repetitive patterns formed by the beds, their direction and position.
- Ensure that these are reflected in the sketch map.

Health and Wellbeing focus

15 minutes

What else can maps show? Can maps show things in different ways e.g. a tube map.

- Develop a different type of map e.g. sensory maps, sound maps or wellbeing maps to map your experience during your visit.
- Think of creative ways you could measure the length of the wall in the Kitchen Garden – in steps, arm lengths etc

Food growing focus

30 minutes

The Kitchen Garden provides food for humans, but it also provides food for the wildlife such as insects, bees, squirrels. Plant material is also recycled into compost.



CHISWICK HOUSE & GARDENS TRUST

- Look for areas where there are other habitats that benefit wildlife and mark these on your map too.
- Work together to list what wildlife needs to stay healthy?
- Mark everything on your map and show it using the key.

Extension activity at school

- Work up the sketch maps into a bigger version. Include keys, compass roses, cartouche, scales, illustrations that tell the story of your visit and other decorative elements. Fold the map and make a front and back cover like an OS map

Geometry

- Follow up the shape walk to discuss angles that were found. Plot them out using 2-D grid.
- Repeat the activity in the school grounds.