

UPPER Key Stage 2 - GEOGRAPHY

Lesson title – *Mapping the Kitchen Garden*

Time of year – all year

Curriculum topic – Continuity and change

Focus of learning objectives

Creative and practical activities that will allow pupils to learn mapping skills.

Curriculum objectives

Developing mapping skills such as:

- Using simple compass directions and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map;
- Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features.
- Devise a simple map; and use and construct basic symbols in a key use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Key vocabulary

Physical features, perspective, landmarks, reflection and translation

Additional Curriculum links

Geometry - position and direction

Literacy - Story telling

Resources required

What we will provide:

- Map of Kitchen Garden
- Aerial photo of area

What you should bring:

- Writing and drawing materials, clip boards.
- OS map of the area
- Simple compass

Preparation required

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



Introduction to activities

20 minutes

- Look at the OS map for the area and compare it with an aerial photo of the Kitchen Garden. Discuss the similarities and differences.
- Identify the compass points using the compasses mark these on your sketch map of the Kitchen Garden.

Activities in the Kitchen Garden

90 minutes

Activity 1 Mapping the garden

- Go for a walk in the Kitchen Garden to devise a rough sketch map of the Kitchen Garden showing the location of different features. Include manmade structures or features. Show the location of the vegetable beds and fruit trees and bushes.

Activity 2 Add some detail

- Devise a key that explains the layout e.g. fruit trees, vegetable beds, entrances/exits.

Activity 3 Size and scale

- Add a scale to your map by pacing out the length of the beds and paths. Mark these on your map.
- Can you calculate the area of the Kitchen Gardens in paces. Calculate the height of the buildings.

Extension Activity

20 minutes

Geometry

- Go for a shape walk to see what 2-D and 3-D shapes can you find? Mark on your map.
- Note the regular patterns of the vegetable beds in the gardens.
- Discuss all the different shapes and patterns that you found in the garden and represented on your map.
- Look for symmetry in the maps and discuss reflection or translation and recognise that the shape has not changed.

Health and Wellbeing focus

20 minutes

- Discuss and explore other uses for maps e.g. tube maps or different methods of mapping such as word maps or sound maps.
- Develop a different type of map e.g. sensory word map, a sound maps or wellbeing maps to map your experience of spending time in the Kitchen Garden.

Food growing focus

15 minutes

- Mark 5 fruit or veg on your map. Make sure to include your favourite.
- Think about the journey the fruit and veg you get from the supermarket has been on, from growing in the ground to being on your plate.

Extension activity at school

- Draw up your sketch maps into a neat version and compare then with the aerial photo of the Kitchen Garden. Compare the differences and similarities.
- Using the sketch map for inspiration develop a story set in the Kitchen Garden and illustrate it with a map showing the main locations for each of the events in the story.