

Map co-ordinates trail

Map co-ordinates trail - half day

In the classroom we will look through the different features of maps including symbols, scales, orientation and co-ordinates. In the garden, each pair will need to find different features in the grounds using the map and co-ordinates.

Learning Objectives:

- To understand that a map is a birds eye view of a place at a smaller scale.
- To recognise different features on a map using the symbols and begin to relate what is shown on the map to what they can see.
- Use simple coordinates (or four-figure grid references) to locate points (or areas) on a map.

Some suggestions for visit preparation

1. Look at a variety of maps and discuss what they show including scale and keys.
2. Introduce co-ordinates and how to find co-ordinates on a map.

Some suggestions for visit follow up

1. Draw a map of the school and use it to find different places.
2. Collect a variety of different maps to look at, e.g. theme parks, shopping centres, town plans and get pupils to plan different routes.
3. Using ICT, look at variety of maps and compare them to aerial views. This could also include discussing about how much can be found out about a place from maps.

National curriculum links

Geography

Geographical skills and fieldwork

- use maps to locate countries and describe features studied
- use the eight points of a compass, four and six-figure grid references, symbols and key to build their knowledge of the United Kingdom and the wider world

Mathematics

Y4 Geometry – position and direction

- describe positions on a 2-D grid as coordinates in the first quadrant
- describe movements between positions as translations of a given unit to the left/right and up/down
- plot specified points and draw sides to complete a given polygon.

PSHE guidance

- to equip pupils with a sound understanding of risk and with the knowledge and skills necessary to make safe and informed decisions



EVENT SPECIFIC RISK ASSESSMENT

Visit details: Map co-ordinates trail

Carried out by: Suntrap Centre

Date: Dec 2017

Issue	How to manage it
Understanding/behaviour	Class teacher to advise Suntrap staff of any children who may need extra support out in the forest to help them to follow instructions. School to ensure that there is appropriate adult: children ratios as required.
Medical conditions	Suntrap staff to check that school staff brings medication out into the forest. All adults to be made aware of any medical conditions. Suntrap staff will carry a first aid kit.
Children getting lost	Keep within sight of teacher/adult & observe boundaries as directed. Children to stay in pairs/groups at all times.
Choking/Poisoning	No eating outside unless directly instructed by Suntrap staff.
Children leaving Suntrap grounds	Teachers to be at front of Suntrap and by field entrance to prevent children leaving site.
Injury through falling & throwing	Running, climbing of trees and throwing sticks/stones prohibited.
Getting wet/cold	Clothing should be appropriate for weather conditions.
Soil borne disease	Children instructed not to put fingers in mouth during/after activities which include handling plants, soil and sticks. Hands should be washed with warm soapy water before eating lunch/snack.
Deep water	Children instructed to keep away from pond boundaries.
Traffic entering Suntrap site	Adult to be at front of site by entrance to Suntrap. Children instructed about procedure if a bus arrives during the activity.