

TEACHER NOTES

Geography

Geographical Skills & Fieldwork - Mapping Skills



Contextual Summary

This is a geography resource that engages students with their visit to Robin Hill Country Park.

This resource enables students to practise their geographical mapping skills, and also requires them to use Maths (scale) and ICT skills to present their work.

Students will be asked to produce a sketch map for an audience of their choice based on the Robin Hill Country Park map.

Task Implementation

The resource task is designed for post-visit use. It enables students to draw a sketch map (based on a current example) and adapt it, depending on the needs of the user (e.g.: young children/teenagers/adults). With their user in mind, students will have to consider the detail required, the symbols used and which areas may be of interest.

Following this, students will compare their sketch map to an aerial photograph (e.g. from Google Maps).

They will need to plot some of the attractions from the theme park on to a copy of the photograph (this could be done using ICT or could be drawn on to a paper copy).

As an additional activity, pupils could use the scale on the aerial photograph to answer a variety of questions about distance/area/perimeter of some aspects of Robin Hill.

Ability Levels

This resource is suitable for key stage 3 pupils who will be able to work in groups of differing ability. The tasks can be adapted to the needs of the groups.

There are 2 versions of the resource, one for lower ability students and one for higher ability students that contains appropriate extension tasks.

Key skills practised in this unit:

- ▶ Sketch mapping
- ▶ Comparing and interpreting maps and aerial photographs
- ▶ Using scale to calculate distance
- ▶ This task will allow children to build on their knowledge of maps and apply and develop this knowledge routinely in the classroom.

Relationship to Curriculum

The above skills are required to be taught and practised as per the National Curriculum (and Curriculum for Excellence) for key stage 3 Geography.

SUBJECT

Geography

UNIT

Mapping Skills

OPPORTUNITIES FOR USE

- × Pre-Visit
- × On-Site Activity
- ✓ Post-Visit
- × Peripheral Task

APPLICABILITY



Key Stage 3

S1 - S3

CURRICULUM / SYLLABUS

- ✓ National Curriculum 2014
- ✓ Curriculum for Excellence

Applies to Resources numbered:

105	13	1
105	13	2

Learning Opportunities

Pre-Visit

- ▶ No pre-visit work required, other than to have practised the skills for use in the post-visit resource.

During the Visit

- ▶ Students enjoy the park activities, being aware of the layout of the park and its geographical features.

Post Visit

Completion of the Geography resource/s linked to this document:

Geographical Park Sketch: Mapping Robin Hill Country Park!

Resource ID: 105 13 1 (KS3 low ability) 105 13 2 (KS3 high ability)

- ▶ Produce a map, reflecting the needs of the user.
- ▶ Compare sketch maps to aerial photographs.
- ▶ Calculate distances/perimeters/areas using scale

Enrichment Opportunities

- ✓ Students are developing their mapping skills based on their actual visit to an interesting geographical location.
- ✓ They are interpreting (and comparing) maps and satellite photographs.

Learning Outcomes

- ✓ Students will demonstrate their understanding of maps (and their users).
- ✓ They will demonstrate their skills of comparison (maps/photographs).
- ✓ Students will demonstrate their understanding of scale (and its application).

What follow-up tasks are there?

In addition to the task detailed, students could also:

- ▶ Produce maps from aerial photographs.
- ▶ Produce grid references for features of Robin Hill
- ▶ Complete a project on the geographical features of Robin Hill.

For further details visit educationdestination.co.uk

- ▶ Hundreds more resources
- ▶ Search by age, subject, exam board
- ▶ Virtual venue tours and maps
- ▶ Bespoke online itinerary builder
- ▶ Risk assessments
- ▶ Travel and accommodation

