

**Summer 2 – Geography – Fieldwork & Mapwork**  
**Years Five and Six**

By the end of this unit, you will have completed some fieldwork based on the area around our school. You will learn some key skills in map reading and will progress to digital mapwork in computing.



**field work**

**local area**

**environment**

**human geography**

**physical geography**

**data collection**

**map-making**

**map reading**

**compass**

**four-figure grid references**

**six figure grid references**

**ordnance survey maps**

**key**

**symbols**

## **Important information**



### Field work

Fieldwork is when you go outside the classroom and find out things for yourself.

When carrying out fieldwork you will need to:

- Observe
- Plan
- Question
- Research
- Collect and record data
- Stay safe
- Present your finding

You will investigate both human and physical geographical features of the environment.

Human features are things that have been built such as houses, towns, cities, walls and roads

Physical features are anything that has formed naturally and are not man-made such as rivers, lakes, oceans, volcanoes and mountains.

### Reading maps

To read a map, you need to understand how to use a compass, read grid references, use a key to help find out the meaning of symbols and be aware that there are different types of maps e.g. Ordnance Survey (O/S) maps, street maps, atlases and globes.

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	Lesson Objective/Question	What you will learn	Learning Review
1	I can create a map of the school based on my fieldwork.  What were the key features on your map?	You will learn about fieldwork. We will undertake creating maps of our own of the school grounds. You will be given a basic map of the school before it was extended. You will map its outside areas.	
3	I can plan and research a field work task  What is your group planning to focus on during your field work?	We will come together to discuss possible ways to investigate – and collect data- about the human and geographical features of Rockcliffe. You will need a clear focus for your fieldwork investigation. We may need to plan for issues like additional adult support, equipment, clothing etc.	
4	I can collect data during my field work and present my findings  Can you tell me 2 key things you learnt during your field work?	In groups, you will investigate some aspects of data about the village of Rockcliffe. You will go out to collect this data and then asked to present your work at a later date.	
5	I can use a compass and read an informal map.  How does lining up your compass to North help you understand what direction to go?	You will revisit the compass points. We will learn how to use a compass to find the direction. We will look at the map Dad made as a child and watch how he uses it. You will recreate their map using a scale. After that, you will use that map and a compass to create a quicker route.	
6	I can use Ordnance Survey symbols  Can you draw me two O/S symbols and state what they are?	You will be able to identify a range of Ordnance Survey symbols. You will be able to use the key on an O/S Map to identify key features of Rockcliffe and the surrounding areas	
7	I can read 4 figure grid references  In the review box, leave me one tip for reading 4 figure grid references.	You will learn to read 4 figure grid references. You will be able to find locations based on the grid reference and you will be able to create grid references for certain locations.	
8	I can read 6 figure grid references  In the review box, can you tell me the 6 figure grid reference for Rockcliffe School?	You will learn to read 6 figure grid references. You will be able to find locations based on the grid reference and you will be able to create grid references for certain locations.	

**Please note: These lessons will be followed by digital mapping work linked to our area**