

LAND USE: HOW DIVERSE ARE LOCAL AND UK LANDSCAPES?

In this unit pupils will learn:

- What farming is in the UK
- Use grid references to identify land use

- Identify human and physical features in the UK
- How the land use has changed

NATIONAL CURRICULUM

Locational knowledge

♣ name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

Place knowledge

♣ understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America


Human and physical geography

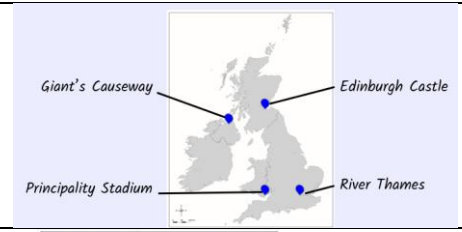
♣ describe and understand key aspects of:

- ♣ physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
 - ♣ human geography, including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water
- Geography - key stages 1 and 2 4

Geographical skills and fieldwork

- ♣ use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- ♣ 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 of the United Kingdom and the wider world

Lesson	Brief Overview	INK	Vocabulary
What are the main human and physical features of the UK?	I can identify and describe the main human and physical features of the UK using atlases and maps.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Human</p>  <p>Edinburgh Castle, Scotland</p>  <p>Principality Stadium, Wales</p> </div> <div style="text-align: center;"> <p>Physical</p>  <p>River Thames, England</p>  <p>Giant's Causeway, Northern Ireland</p> </div> </div>	Physical features, human features, digital map.



How can I use maps and keys to identify land use?

I can identify some types of land use in the locality using maps and aerial imagery.

Type of land use	Image of land use
residential	
commercial	
industrial	
transport	
agricultural	
woodland	

In aerial photograph A I can see large grey rectangles, this tells me the land is mainly industrial.

In aerial photograph B I can see round green shapes, this tells me the land is mainly woodland.

In aerial photograph C I can see small rectangular shapes next to long grey ribbons, this tells me the land is mainly residential and transport.

Land use, map key, settlements, scale

What is farming in the UK?

I can explain how different parts of the UK are used for different types of farming. Children will discuss the climate and wettest and driest areas and areas best for farming.

Using North, east, South, West compass skills

- **Arable farming**
- Growing crops like wheat and barley is called **arable farming**.
- **Dairy farming**
- Cattle are raised on dairy farms to produce milk.
- **Sheep farming**
- Sheep farms can be located in hilly areas where it is colder.

Farming, farmer, livestock, agriculture, land use

What are the different land uses in the UK?

I can describe different types of land use in the UK.


Moorland and heathland are found in the uplands of the UK.

Peat bogs are found in the waterlogged uplands of the UK.

Arable land is commonly found in the south and east of the UK where the land is flat and there is less rainfall.

Pasture can usually be found in the uplands of the UK

Livestock, land use, habitat, wild life, agriculture.

		<p>We can classify our land use into seven types:</p> <ol style="list-style-type: none"> 1. Arable 2. Pasture 3. Peat bogs 4. Moorland and heathland 5. Woodland 6. Artificial surfaces 7. Others 	
How can grid references identify land use?	I can use four figure grid references to identify different examples of land use in my local area on a 1:25000 map.	<p>Ordnance Survey maps use a numbered grid to help us give locations on maps at different scales.</p>  <p>I can identify grid lines and numbers</p>	Horizontal, vertical, pasture, agriculture.
How does land use change?	I can explain how land use changes affects wildlife.	<p>Task A How can changing land use affect biodiversity?</p> <p>What will be the effect of this on the rest of the food chain?</p> <p>Did you think of any of these reasons?</p> <ul style="list-style-type: none"> • <i>Plants being removed might mean herbivores like caterpillars die.</i> • <i>Less herbivores might mean there will be less carnivores like birds.</i> • <i>Less food will mean that animals might need to move somewhere else to find a food source.</i> • <i>Carnivores will be forced to rely on other prey which could reduce the number of animals outside of this food chain too.</i> 	Average, diversity, food chain, change