

## Map Knowledge

- Maps use **scales** to make ensure ...
- **Scale bars** are used to help estimate and calculate distances.
- There are different types of maps design for different purposes - for example thematic maps.
- There are 8 **cardinal points** on a **compass** which can be used to describe locations in detail - north, north east, east, south east, south, south west, west, north west
- **4 and 6 figure grid references** can be used to accurately locate places on maps - **northings and eastings**. .
- Ordnance Survey maps use a key which is the same on all maps.



## Map skills

<i>Using and interpreting</i>	<i>Position and orientation</i>	<i>Drawing</i>
I can use atlases, maps and globes. I can use large scale maps outside. I can use maps at more than one scale. I can make and use simple route maps. I can locate photos of features on maps. I can use oblique and aerial views. I can recognise some patterns on maps and begin to explain what they show. I can give maps a title to show their purpose. I can use thematic maps. I can explain what places are like using maps at a local scale. I recognise that contours show height and slope.	I can use simple grids. I can give direction instructions up to 8 cardinal points. I can use 4- figure coordinates to locate features. I know that 6 figure Grid References can help you find a place more accurately than 4- figure coordinates.	I can make a map of a short route with features in correct order.  I can make a map of small area with features in correct places.
<i>Symbols</i>	<i>Perspective and Scale</i>	<i>Digital mapping</i>
I can give maps a key with standard symbols.  I can use some Ordnance Survey style symbols.	I can use maps and aerial views to help me talk about geographical features. I can make a simple scale plan of room with whole numbers. I can use the scale bar to estimate distance. I can use the scale bar to calculate some distances. I can relate measurement on maps to outdoors	I can use the zoom function to explore places at different scales. I can add a range of annotation labels and text to help me explain features and places. I can highlight an area on a map and measure it. I can use grid references in digital mapping. I can use the grid reference tool to record a location. I can highlight areas within a given radius.

### Have experience:

- a range of different maps for example, tourist brochure, paper and digital maps, storybook maps, atlases, Ordnance Survey paper and digital maps at different scales,
- 6-figure coordinates.

### Context:

- a range of places in the wider locality and in contrasting localities, fieldwork in the wider locality.
- Global settings.