

Year 4 Maps Knowledge Organiser

Key Vocabulary

atlas	A collection of maps often of each country in the world.
compass	A tool used for showing direction.
digital map	A map that uses technology such as a satnav.
easting	The numbers used in a grid reference that run west to east.
grid references	The numbered squares on a map used to locate a place.
National Grid	A system used to split Great Britain into 100km squares.
northing	The numbers used in a grid reference that run south to north.
Ordnance Survey maps	Detailed maps of Great Britain where each square represents 1km squared (1km ²).
symbols	Small pictures, letters or lines that represent a feature.

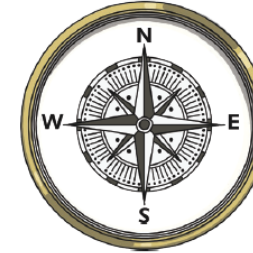
Symbols

- Maps use **symbols** instead of words to label real-life features.
- A key on the map tells you what the **symbol** means.

	Nature Reserve
	Motorway
	Cycle Trail
	Train Station
	Footpath
	Place of Worship

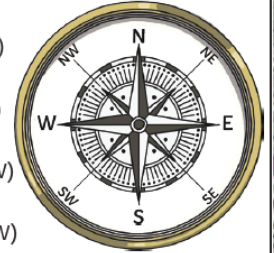
Four-Point Compass

- N - north
- E - east
- S - south
- W - west



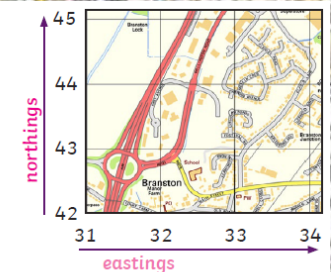
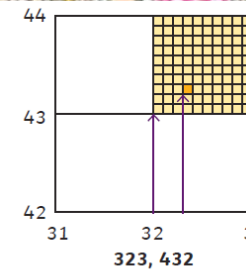
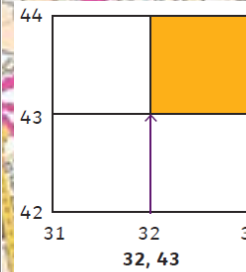
Eight-Point Compass

- north (N)
- north-east (NE)
- east (E)
- south-east (SE)
- south (S)
- south-west (SW)
- west (W)
- north-west (NW)



Grid References

- A map is criss-crossed with horizontal and vertical lines that create a grid.
- The grid and squares help to narrow a search area so you can locate features on a map.
- Usually, the lines are numbered with two digits.
- Eastings** are the numbers that run from west to east.
- Northings** are the numbers that run from south to north.
- The **easting** and **northing** numbers are put together to create a four-digit **grid reference**, e.g. (32,43), which refers to the bottom left corner of a square on the map.
- Grid references** can be even more specific by adding an extra digit to both the **easting** and **northing** numbers.
- These six-digit **grid references**, e.g. (323,432), tell us more precisely whereabouts in the square something is.



Four-figure and six-figure **grid references**.