

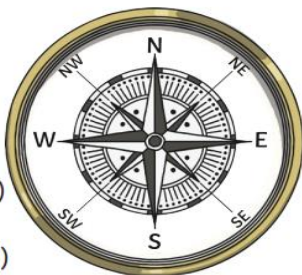
Knowledge Organiser – Year 5 – Geography – Spring Term – Marvellous Maps

What do I already know?

- I know the 8 main points on a compass
- I can follow directions using compass points
- I can recognise and name different types of map

Eight-Point Compass

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



What should I be able to do at the end of the topic?

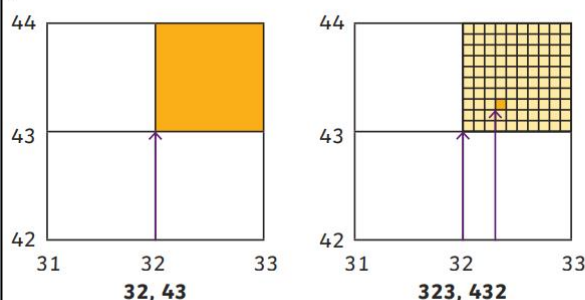
- Find a location on a page by using simple co-ordinates.
- Identify physical features on a map.
- Use a key to find out what a symbol means.
- Give four-figure co-ordinates for a location.
- Find similarities between maps of the same location.

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.

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**.

The National Grid

- The **National Grid** is a **grid reference** system for the whole of Great Britain.
- It splits Great Britain into squares - each is 100km.
- The spaces can be identified by using two letters e.g. SK
- **Easting** and **northing** numbers can be used to split the squares into smaller sections making them easier to use.

