

Knowledge Organiser - Map Skills - Summer 2

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.

Compass Points

4-Point Compass

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



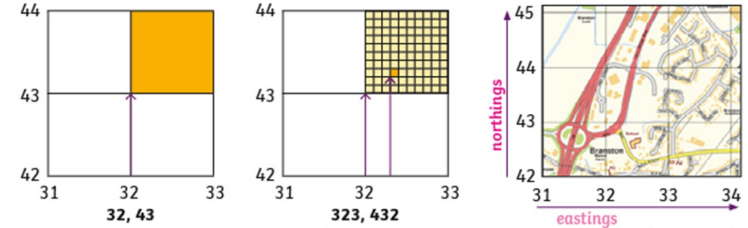
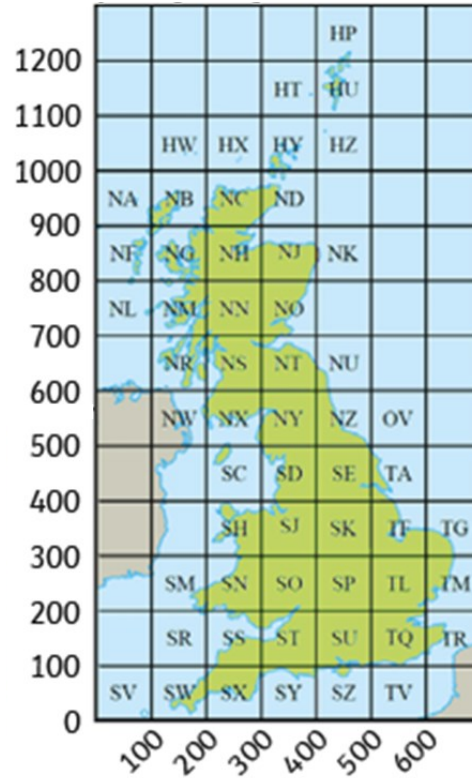
8-Point Compass

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



The National Grid

- The **National Grid** is a **grid reference** system for the whole of Great Britain.
- It splits Great Britain into squares, each identified by two letters, for example SK.
- Each two-letter square is 100km².
- Eastings** and **Northings** allow us to split the squares into smaller sections, which are easier to use.



Grid References

- A map is covered with intersecting horizontal and vertical lines that create a grid.
- The grid helps narrow a search area so you can locate features on a map.
- The lines are usually numbered with a two-digit **grid reference**.
- Eastings** are the numbers that run from west to east.
- Northings** are the numbers that run from south to north.
- The **easting** and **northing** are put together to create a four-digit **grid reference**, for example (32,43), which refers to the bottom left corner of the square on the map.
- Grid references** can be even more specific by adding an extra digit to the **easting** and **northing** numbers.
- This creates a six-digit **grid reference**, for example (323,432), which tells us more precisely in the square where something is.

Symbols

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

	Nature Reserve		Cycle Trail		Footpath
	Motorway		Train Station		Place of Worship