

## Marvellous Maps

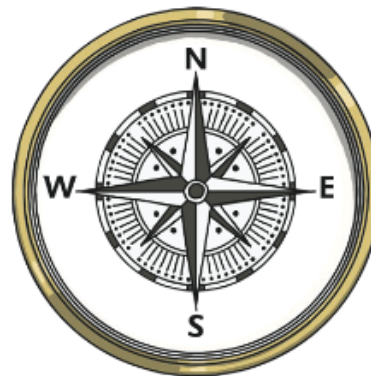
### Key Vocabulary

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

### Compass Points

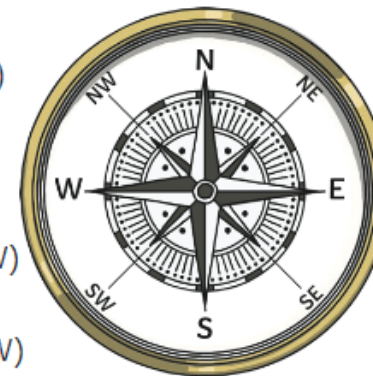
#### Four-Point Compass

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)



### 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		Cycle Trail		Footpath
	Motorway		Train Station		Place of Worship



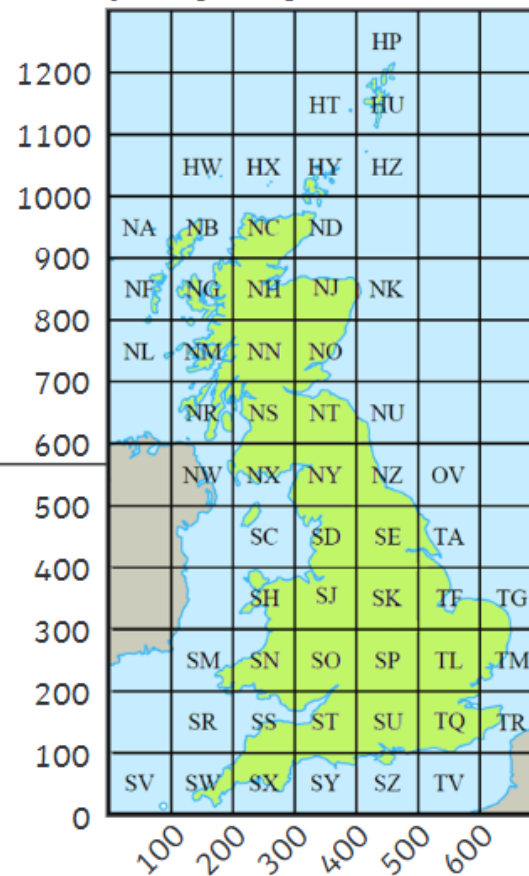
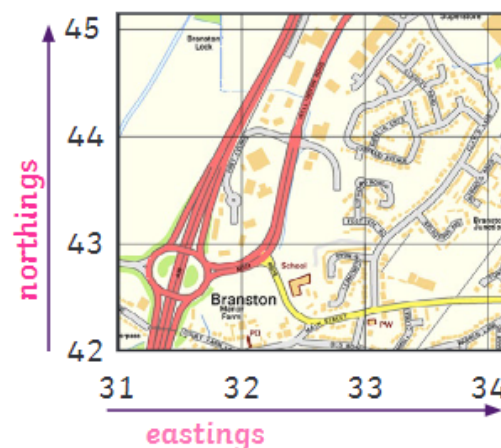
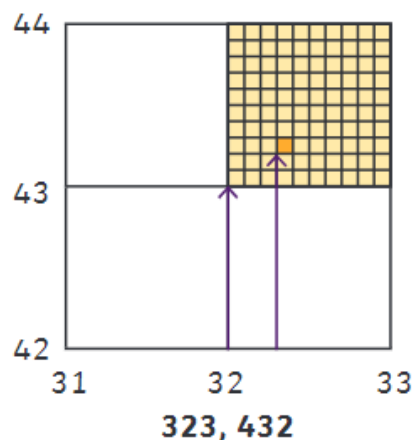
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### Grid References

- 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.

### 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.



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

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