

Knowledge Organiser

Year 4 ♦ Geography ♦ Summer: Mapping Skills



Key Vocabulary

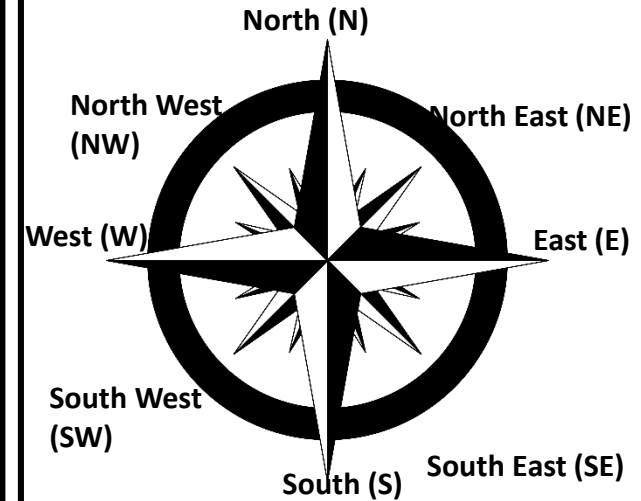
Word	Meaning
Map	A drawing of the Earth's surface from above (bird's eye view).
Cartographer	A person who draws maps.
Compass	A device used to indicate the direction on a map.
Symbol	A representation of an object, function or process.
Ordnance Survey	The national mapping agency for Great Britain – first used in 1745.
Grid reference	A map reference indicating a location.
Physical features	Natural features such as seas, mountains and rivers.
Human features	Man-made such as houses, roads and bridges.
Latitude	The measurement of distance North or South of the Equator.
Longitude	The measurement East or West of the prime meridian.
Contour line	A line on a map joining points of equal height above or below sea level
Scale	The between a distance on a map and the corresponding distance on the ground.

Features of a Map



Title – tells you the purpose of a map.
Compass – shows the direction.
Key – shows what the symbols represent.
Scale – shows the distance between places on a map.

Compass



Cardinal points: N, E, S, W.
Intercardinal points: NE, SE, SW, NW.

Different Types of Maps



Political



Physical



Thematic



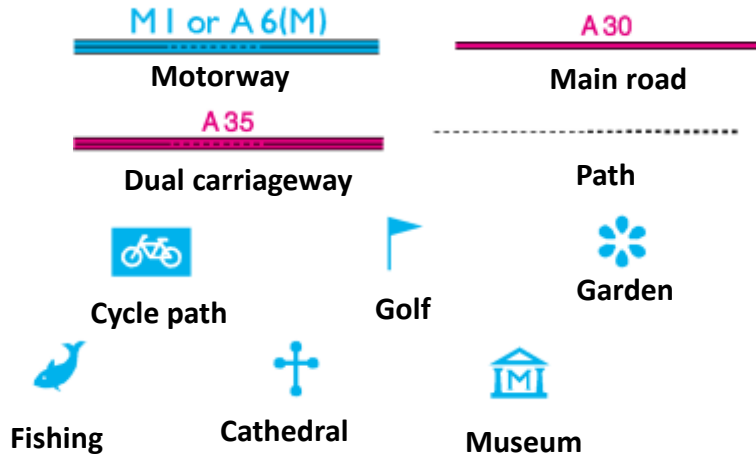
Road



Topological



Ordnance Survey Map Symbols



UK: Human VS Physical Geography

Human geography

- West End Lane
- Pinner Station
- London Eye
- Tower of London

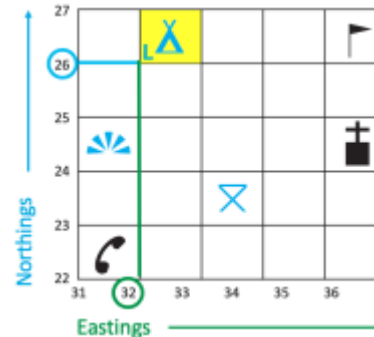
Physical Geography

- River Thames
- Mount Snowdon
- River Severn
- Ben Nevis



Four and Six-Figure Grid References

The numbers of the edge of a map helps to work out its location. **Northings** are numbers that go from bottom to top, whilst **eastings** go from left to right.



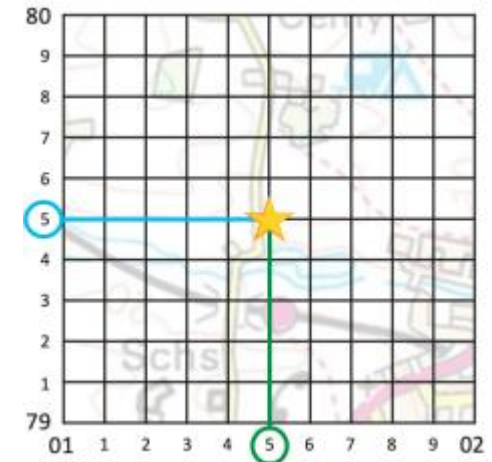
32 26

The first two numbers give the eastings whilst the second two numbers give the northings.
Along the corridor and up the stairs!

Six-figure grids are more accurate and are divided into tenths.

015 795

First three numbers give the easting and the last three numbers give the northing (both including tenths).



Extending Your Learning

1. Using Google Maps as a navigation tool, set the address to West Lodge Primary School and walk to school.
2. Travelling around London, use an OS map to identify and approach landmarks.
3. Create a map of your journey to school.