

## Knowledge about maps

- Orienteering** is a sport which requires navigational skills .
- Orienteering requires a map and a compass to navigate from point to point in different terrain.
- The eight points of a compass (a compass rose) are N ,NE, E, SE, S, SW, W, NW.
- In 4-figure grid references, 4 digits are used like co-ordinates.
- In 6-figure grid references, 6 digits are used also like co-ordinates but for greater accuracy.
- Ordnance survey** symbols help us to include a lot of detail on maps which are drawn to scale.
- An ordnance survey map is a detailed map produced by the British or Irish government map making organisation.
- An effective map is clearly labelled with symbols , locations , grid references , a scale and a compass rose.
- Topography** is the physical features of an area of land including natural formations such as mountains, rivers, lakes and valleys, and manmade features such as roads, dams and cities.

## Subject-Specific Vocabulary

Word	Definition
<b>Tier 1</b>	
<input type="checkbox"/> Atlas	A book of maps or charts.
<input type="checkbox"/> Compass	An instrument containing a magnetised pointer which shows the direction of magnetic north and bearings from it.
<input type="checkbox"/> Co-ordinate	Each of a group of numbers used to indicate the position of a point, line, or plane.
<input type="checkbox"/> Fieldwork	The process of observing and collecting data about people, cultures and natural environments.
<input type="checkbox"/> Globe	A picture of a planet drawn on a sphere.
<b>Tier 2</b>	
<input type="checkbox"/> Aerial Photograph	The taking of photographs from an aircraft or other flying object.
<input type="checkbox"/> Compass Rose	A graduated circle printed on a map or chart from which bearings can be taken.
<input type="checkbox"/> Ordnance Survey	Ordnance survey is the national mapping agency for Great Britain.
<b>Tier 3</b>	
<input type="checkbox"/> Terrain	A stretch of land, especially with regard to its physical features.
<input type="checkbox"/> Topography	The physical features of an area of land including natural formations such as mountains, rivers, lakes and valleys, and manmade features such as roads, dams and cities..

## Fieldwork

Orienteering around Cannock Chase

# Y5 Map Reading and Orienteering



	Camp site
	Caravan site
	Garden
	Golf course or links
	Information centre, all year / seasonal
	Nature reserve
	Parking, Park and ride, all year / seasonal
	Picnic site
	Selected places of tourist interest
	Telephone, public / motoring organisation
	Viewpoint
	Visitor centre
	Walks / Trails
	Youth hostel

## Map Reading and Orienteering



## Links

Y1 – Cannock Chase  
Y2 and Y4 – Family Trees  
Y3 and 4 - Grid references and OS map skills.

## Reading Texts

How to Use a Compass by Graham Rick Grey