

# 4 Indigo – How Can We Improve Our Local Area?

Subject Specific Vocabulary	
<b>Ordnance Survey</b>	An Ordnance Survey map is a detailed map produced by the British or Irish government map-making organization.
<b>symbol</b>	Map symbols are used to represent real objects. Both shapes and colours can be used for symbols on maps.
<b>hemisphere</b>	A hemisphere is formed by dividing the earth into the Northern and Southern Hemispheres at the equator
<b>latitude</b>	The lines extending around the Earth horizontally are called lines of latitude.
<b>longitude</b>	The lines extending around the Earth vertically are called lines of longitude.
<b>time zones</b>	Time zones give specific areas on the earth a time of day that is earlier or later than the neighbouring time zones
<b>grid reference</b>	Numerical grid references consist of an even number of digits. Eastings are written before Northings.
<b>aerial photograph</b>	Aerial photography is the taking of photographs of the ground from an elevated/direct-down position.
<b>conservation</b>	Preventing the waste or destruction of resources such as the rainforest, animals and the environment.
<b>classification</b>	Putting all living things into groups based on features they have in common
<b>characteristic</b>	The things or qualities that make something recognisable.



Sticky Knowledge
The map that's familiar to most of us is the Mercator projection, but it is also, as you might expect, full of inaccuracies.
There are two Norths: true north and magnetic north. True north is the direction of the geographic North Pole. Magnetic north is the direction the north end of a needle in a compass points
The five kingdoms of life are animals, plants, fungi, protists and monera. Monera and protists are both microscopic organisms that only have one cell.
No-body knows how many species of living things there are. Scientists estimates that there are 8.7 million and that we have identified just 17% of these.
The modern system of classifying animals was invented in the 1700s by Carolus Linnaeus
Scientists estimate that 20% of the world's mammals are endangered.
Animals are split into vertebrates and invertebrates. About 80% of living things on earth and 97% of animals are invertebrates.

Exciting Books