



# St Bernadette's Catholic Primary School

## Willow Class: Map Skills and Field work

Gospel Value-  
Stewardship

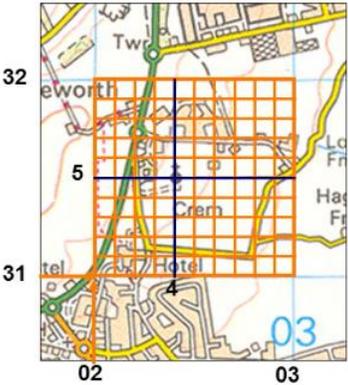
### What I should know already

To locate a range of places and landmarks on Ordnance Survey maps of the UK. To learn about the geographical features of specific locations on maps. To locate human and physical features on OS maps. To interpret a range of sources of geographical information, including maps and aerial photographs.

### Finding a six figure grid reference



How would you find the grid reference **024 315**?



1. Use the first two digits of each three digit number to find the four figure reference, **024 315**.
2. Imagine the square, **02 31**, is divided into tenths vertically and horizontally.
3. Use the last digit of each three digit number, **024 315** to estimate lines at **4** tenths across the square and **5** tenths up the square.
4. **024 315** is the point where the imaginary lines cross.

### Key Knowledge

Maps are flat, but the land they cover is often quite hilly. Contour lines are a map's way of showing how high the land is. They join together points of equal height and never cross. When contour lines appear close together, this means the land slopes sharply and would be steep to climb. The further apart the contour lines are, the flatter the land will be.

Human Geography refers to the study of the different ways in which human societies develop and operate in relation to their physical environment. Human features would include roads, railways, schools, Post Office, places of worship, etc.

Physical Geography is the study of the natural features of the Earth, such as mountains and rivers. Physical features would include cliff, valley, river, marsh, scrub, contours, etc.

Word	Definition
Ordnance Survey Map	Detailed maps of Great Britain where each square represents 1km squared (1km <sup>2</sup> ).
Human Feature	Human features like houses, roads and bridges are things that have been built by people.
Physical Feature	Physical features like seas, mountains and rivers are natural. They would be here even if there were no people around.
Contour Line	These are lines that show high and low areas of land. The contour lines join up areas of the same height, and when they are close together it means the hill or mountain is steep.
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.
National Grid	A system used to split Great Britain into 100km squares.
Grid references	The numbered squares on a map used to locate a place.
Eastings	The numbers used in a grid reference that run west to east.
Northings	The numbers used in a grid reference that run south to north.