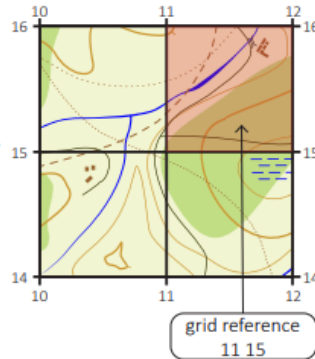


Our Planet, Our World

Knowledge

Four-figure grid references are used to locate a grid square on a map. To find a four-figure grid reference, you follow the horizontal axis, called the easting, from west to east, and then the vertical axis, called the northing, from south to north, until they meet at the bottom left-hand corner of the square you want to reference. The easting followed by the northing makes a four-figure grid reference.



Climate zones

There are five major climate zones on Earth.

The **polar zone** is the coldest.

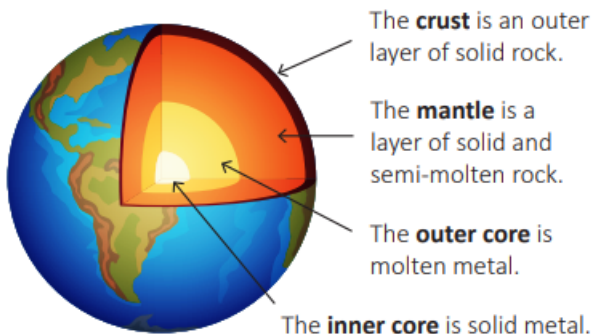
The **temperate zone** has warm summers and cool winters.

The **Mediterranean zone** has hot summers and mild winters.

The **desert zone** is the hottest.

The **tropical zone** is hot and wet all year round.

The Earth has 4 layers



The eight compass points.

N, E, S, W

North-East, South-East, South West, North West

Physical and Human features

There are five main types of land use. These are: agricultural land, which is used for farming

commercial land, which is used for shops and businesses

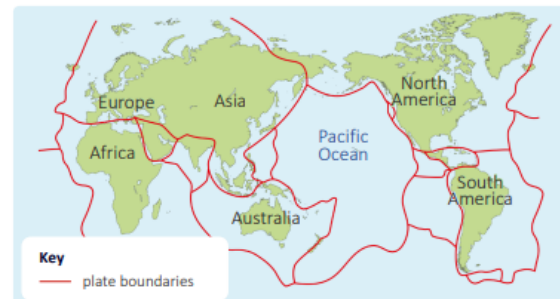
recreational land, which is used for leisure activities

residential land, which is used for housing

transportation, including roads, airports and railways.

Tectonic plates

The Earth's crust is made of tectonic plates, which move slowly over the mantle. They push together to form mountains, pull apart to form valleys and slide past each other to create earthquakes and faults. The movement of the tectonic plates created the continents from one large landmass called Pangaea millions of years ago.



Vocabulary

Climate— the general weather conditions found in a place over a period of time.

County—an area of the United Kingdom that a local government manages.

Fault—a large crack in the ground

Molten—something that has melted and is in a liquid state

Plate boundary—the place where two tectonic plates meet

Tectonic plate— a large, slow-moving piece of rock that makes up the Earth's crust

Physical features— naturally made

Human features—been made by people

Lines of latitude - imaginary horizontal lines that span the globe. **Lines of longitude**— imaginary vertical lines that span the globe.

They tell us how far north, south, east or west a location is.