



Union

Joined together

Kingdom

A country, or area, **ruled by a King or Queen**

Mountain

Land (made of rocks and earth) that **rises up very high**. Mountains are higher and steeper than hills

Coast

An area **where land meets sea**. At the coast, you could find beaches and cliffs

Valley

A **low area of land between hills or mountains**, typically with a river or stream flowing through it

Gaelic

A **Celtic language** spoken in Scotland and Ireland

Seasons

Four different times of the year that **have different weather and temperatures** (Spring, Summer, Autumn and Winter)

St George's Cross
(England)



St Andrew's Cross
(Scotland)



St Patrick's Cross
(Ireland)



Union Jack



Mountain



Valley



Coast



The countries of the UK are:

England
Scotland
Northern Ireland
Wales





KEY VOCABULARY

Material

The word scientists use to describe **what things are made from**, e.g. glass, paper, wood

Properties

The way a material **looks, how it feels, or what it can do**. We can see, feel, or measure properties of materials

Transparent

A material that allows light to pass through, so we **can see through it**

Opaque

A material that does not allow light to pass through, so we **cannot see through it**

Magnet

A magnet **attracts some metals** using a force called magnetism

Attract

To pull **towards**

Repel

To push **back**

Purpose

The **reason** that something has been chosen or made

MATERIAL PROPERTIES

Soft

Hard

Bright

Dark

Transparent

Opaque

Smooth

Rough

Waterproof

Absorbent

Thin

Thick

Bendy

Stiff



Plastic



Wood



Metal



Glass



Rock



Magnets

OPPOSITE POLES ATTRACT



SIMILAR POLES REPEL





Spring

Summer

Autumn

Winter

Rain gauge

Thermometer

Weather Vane

Data

Clouds

Flood

Hurricane

Meteorologist

The **season, after winter**, when the temperature begins to rise, plants begin to grow and animals come out from hibernation

The **warmest season, coming after spring**, when the days are long because the sun rises earlier and sets later

The **season, after summer**, where the days get shorter, crops can be harvested and the leaves begin to fall from the trees

The **coldest season**, trees are often bare and some animals hibernate; the days are shorter

A tool used to **measure how much rain has fallen**

A tool used to **measure the temperature**

A tool used to find out in **which direction the wind is blowing**

A **collection of facts, often numbers**, that can give us information

A cloud is a **collection of tiny droplets of water in the sky**; when the droplets fall they become rain

An **overflow of water**

A **powerful storm** with strong winds

A scientist who **studies the weather**

Cirrus

white, thin and wispy



Cumulus

white, fluffy



Stratus

grey, cover the whole sky



SPRING



WINTER



SUMMER

AUTUMN

Rain



Snow



Cloud



Sun



Storm



Wind

