



## Year 3 Autumn 2

### Knowledge Organiser



**Geography** We will be locating the countries around the world and looking at the continents that they are in.

#### **Key Knowledge**

Europe is the continent we live in.

Russia is in the continent of Europe and Asia.

Environmental features can vary within a continent.

#### **Key Vocabulary**

Environmental region

Country

Continent

features

**Science** We will be learning about forces this half term.

#### **Key Knowledge**

A force is a push or a pull.

When an object moves on a surface, the texture of the surface and the object affect how it moves. It may help the object to move better or it may hinder its movement e.g. ice skater compared to walking on ice in normal shoes.

For some forces to act, there must be contact e.g. a hand opening a door, the wind pushing the trees. Some forces can act at a distance e.g. magnetism. The magnet does not need to touch the object that it attracts.

A magnet attracts magnetic material. Iron and nickel and other materials containing these, e.g. stainless steel, are magnetic.

#### **Key Vocabulary**

Force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole

**Music** We will be learning about the different sounds that different instruments make and how this can affect the mood and style of a piece of music.

#### **Key Knowledge**

The timbre of instruments played affect the mood and style of a piece of music.

An ensemble is a group of musicians who perform together.

#### **Key Vocabulary**

influence

dynamics

pitch repeated rhythm

pattern notation

ensemble

timbre

**DT** Can I make and design a cushion?

**Key Knowledge**

Appliqué is a way of mending or decorating a textile by applying smaller pieces of fabric.  
When two edges of fabric have been joined together it is called a seam.  
It is important to leave space on the fabric for the seam.  
Some products are turned inside out after sewing so the stitching is hidden.

**Key Vocabulary**

appliqué  
cross-stitch  
design  
equipment

**PSHE**—We will be learning about how to look after our health and wellbeing.

**Key Knowledge**

A setback is a disappointment when you are trying to do something.  
Mindset is how you think about things. If you have a fixed mindset, you may think you cannot do things.

**Key Vocabulary**

Setback  
Failure  
Mindset  
Fixed mindset

**RE**—We will be studying the different celebrations that happen in different religions.

**Key Knowledge**

**Judaism:**

Once a child is born, a blessing takes place.

**Islam:**

When a child is born, the first thing they generally hear is the Muslim call to prayer and taste something sweet such as honey, dates or a sweet juice.

**Christianity:**

Christians welcome babies by conducting baptisms. When a baby is welcomed into the Christian faith, it is called a christening.

**Key Vocabulary**

Blessing  
Baptism  
Christening  
Godparents

**Other relevant information for this half term**

**English**—This term we will be exploring the exciting story of 'Ug' by Raymond Briggs and using it to inspire our own descriptive and narrative writing.

**Spelling**— It is vital that children learn the year 3/4 statutory spellings and know the spelling rules associated with these words to apply to new and unfamiliar spellings. We will study these spellings and those with similar spelling rules and letter patterns in both spelling and handwriting lessons.

**Reading**— We cannot stress enough that children need to read and have their reading diaries signed 5 times a week. Children who don't read at home will read in Catch Up Club.

**Maths**— Addition and subtraction column methods will be the focus for this half term. There will also be a large emphasis on learning the times tables.

**PE**—The focus this half term is gymnastics. Children must have their full PE kits available in school every day.

**Computing**—This half term we will be focusing on databases.

**French**—We will be learning French greetings.

**Art**—We will be using clay to create sculptures.