



## Year 3 Spring 1

### Knowledge Organiser



**Geography** We will be using the eight points of a compass to locate destinations in the UK.

#### **Key Knowledge**

The eight points on a compass are: north, north east, east, south east, south, south west, west and north west.

#### **Key Vocabulary**

north, north east, east, south east, south, south west, west and north west.

**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 pentatonic melodies and compositions

#### **Key Knowledge**

To know that the word 'crescendo' means a sound getting gradually louder.

To know that some traditional music around the world is based on five notes called a 'pentatonic' scale.

To understand that a pentatonic melody uses only the five notes C D E G A.

#### **Key Vocabulary**

Tempo  
Crescendo  
Dynamics  
Timbre

**DT** Can I make a toy using pneumatics?

**Key Knowledge**

I know that pneumatic systems operate by drawing in, releasing and compressing air.

**Key Vocabulary**

mechanism  
lever  
pivot  
linkage system  
pneumatic system

**PSHE**—We will be learning about relationships.

**Key Knowledge**

A committed relationship is a mutual agreement between two people to love and care for each other.

To cohabit means to live together in a committed relationship but you are not married.

**Key Vocabulary**

Committed  
Non-comitted

**RE**—How do sacred texts influence people?

**Key Knowledge**

A disciple is a follower of a leader. In the Bible, the disciples were followers of Christ.

A parable is a story with a moral or spiritual meaning which we can use to help us to live our life by example.

**Key Vocabulary**

Disciples  
parable

**Other relevant information for this half term**

**English**—This term we will be exploring the exciting story of ‘The True Story of the Three Little Pigs,’ 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**— Multiplication and division 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 swimming which will take place every Wednesday

**Computing**—This half term we will be focusing on the functions of a keyboard.

**French**—We will be learning the French words for different animals.

**Art**—We will be painting and focusing on colour mixing.

