

## Year 3 Term 2

### Art Knowledge Organiser

#### Sketching

##### Sticky Knowledge

Sketching uses a range of techniques to create many different special effects.

Shading can add detail to a picture.

We can use stippling, cross hatching, smudging and scumbling as techniques to add texture.

##### Vocabulary

**tone** How dark or light a colour is.

**shading** Adding black to darken a colour.

**smudging** Smearing pencil to create shade.

**texture** An effect to show how something might feel.

**stippling** Using small dots to create an effect.

**scumbling**—overlapping lots of little circles .



##### Connecting Stones



media



appreciation

##### Previous Learning

**Year 1** Different materials can be used for different purposes.

**Year 2** Materials are mixed to create texture .

## Year 3 Term 2

# Computing Knowledge Organiser

## Stop Frame Animation

### Sticky Knowledge

A stop frame animation is a subject that is moved between pictures.

A story board is a planned set of images. We can use a technique called onion skinning to layer our

### Vocabulary

- story board** A sequence of pictures to show a story.
- animation** Making pictures move.
- techniques** A way of doing an activity.
- capturing** To put into lasting form.
- onion skinning** Layering images on top of each other.



### Connecting Stones

E-safety



E-safety

multimedia

### Previous Learning

Year 1: A sprite can be added on scratch JR.

Year 2: Digital music can be created with a computer.



## Year 3 Term 2

### Design Technology Knowledge Organiser

#### Sliders and Levers

##### Sticky Knowledge

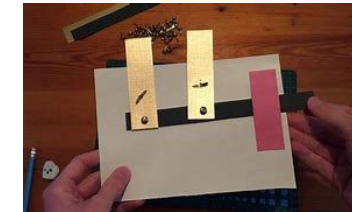
Sliders and levers are mechanisms that make things move.  
Sliders help us to move things up and down and from side to side.  
Levers move around a pivot and curve.  
Sliders can be moved horizontally or vertically.

##### Vocabulary

**slider**—a bar that moves to the left or right, up or down to control or move something.

**lever**—a mechanism that moves an object around a point.

**mechanism** - a device used to create movement in a product.



##### Previous Learning

**Year 1** Discussing ideas and studying different types of axels.

**Year 2** Creating products using levers, wheels and winders.

##### Connecting Stones



mechanisms



tools

## Year 3 Term 2

# Geography Knowledge Organiser

## Water Disasters

### Sticky Knowledge

An earthquake is caused by tremors in the earth.  
A tsunami is caused by earthquakes.  
Some parts of the world experience more disasters than others.



### Vocabulary

**tsunami** - a series of waves in a water body caused by a large or sudden displacement of the ocean.

**devastation** - a great destruction or damage.

**catastrophe** - an event causing great or sudden damage.

**tremor** - a slight shaking movement.

**displacement** - the action of moving something from its place or position.

### Connecting Stones



Location



Physical features

### Previous Learning

Year 1 - Extreme weather can cause flooding.

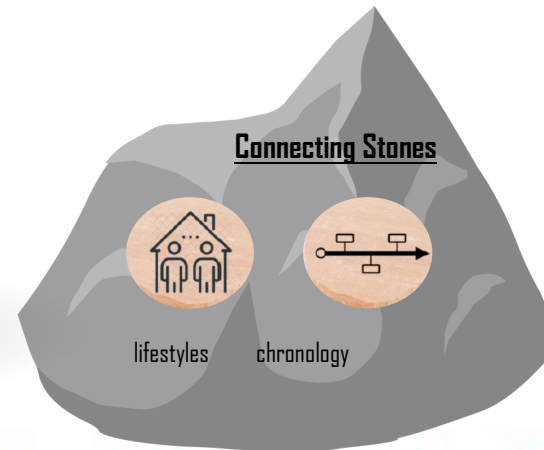
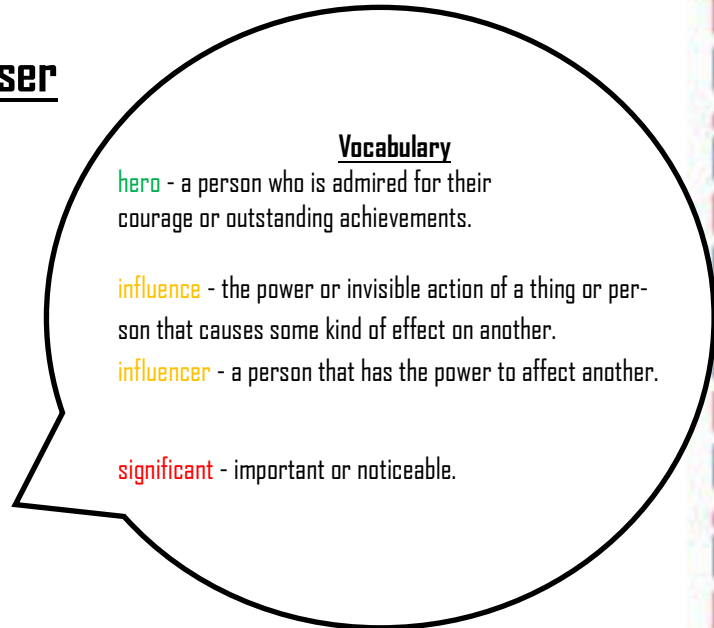
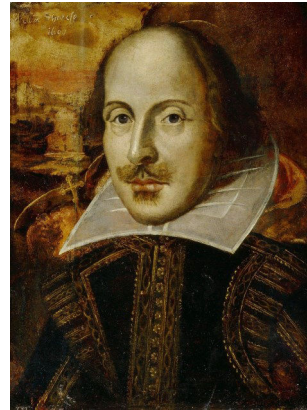
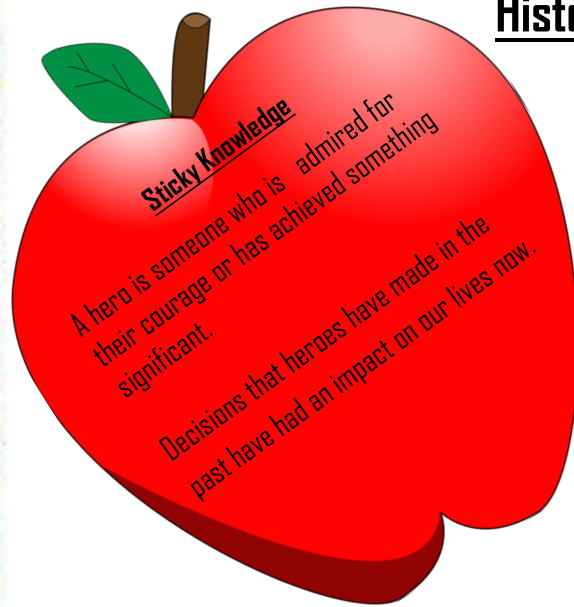
Year 2 - The seven continents of the world.

Drive, daboo



## Year 3 Term 2

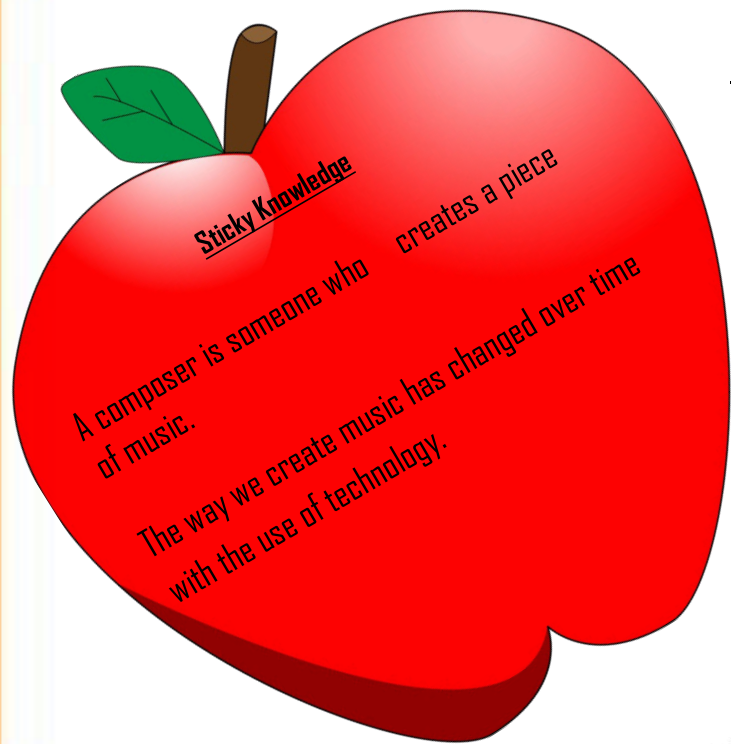
### History Knowledge Organiser





## Year 3 Term 2

### Music Knowledge Organiser



### Vocabulary

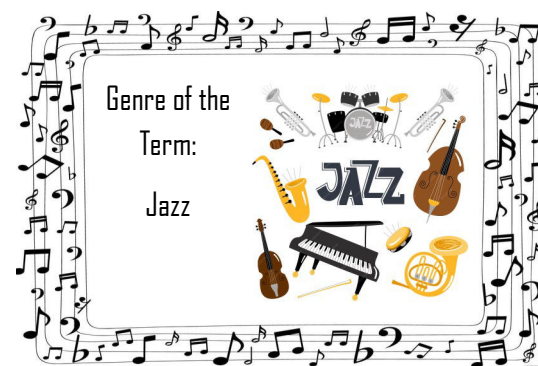
**genre** - A style of music.

**composer** - Someone who writes music.

**appraising** - To express views on a piece of music.

**technology** - The use of scientific knowledge and tools.

**composition** - How something is put together using different parts.



### Previous Learning

**Year 1:** Instruments vibrate, causing sound.

**Year 2:** Tuned and untuned instruments create different sounds.

### Connecting Stones



Instruments



Appraisal

# Year 3 Term 2 RE Knowledge Organiser

## What Is The Trinity?

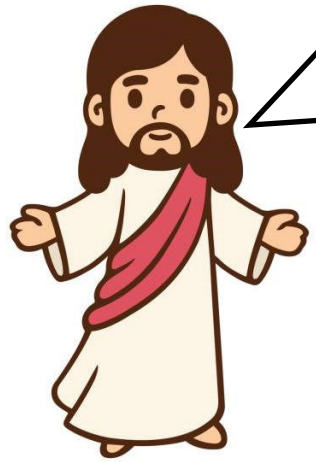
**Sticky Knowledge**

The Trinity is God the Father, God the Son and God the Holy Spirit.

Christians get baptised because they believe the water washes away their sins.

Christians believe The Father creates; he sends the Son who saves his people; the Son sends the Holy Spirit to his followers.

Christians believe the Holy Spirit is God's power at work in the world and in their lives today, enabling them to follow Jesus.



**Vocabulary**

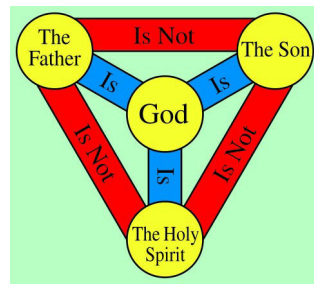
**baptism** A ceremony to declare faith in God.

**gospel** The story of who Jesus is and what He did.

**trinity** One God who is the Father, the Son and the Holy Spirit.

**Holy Spirit** Part of the Trinity and helps you to make good choices.

**incarnation** Belief that God chose to become a human being on Earth.

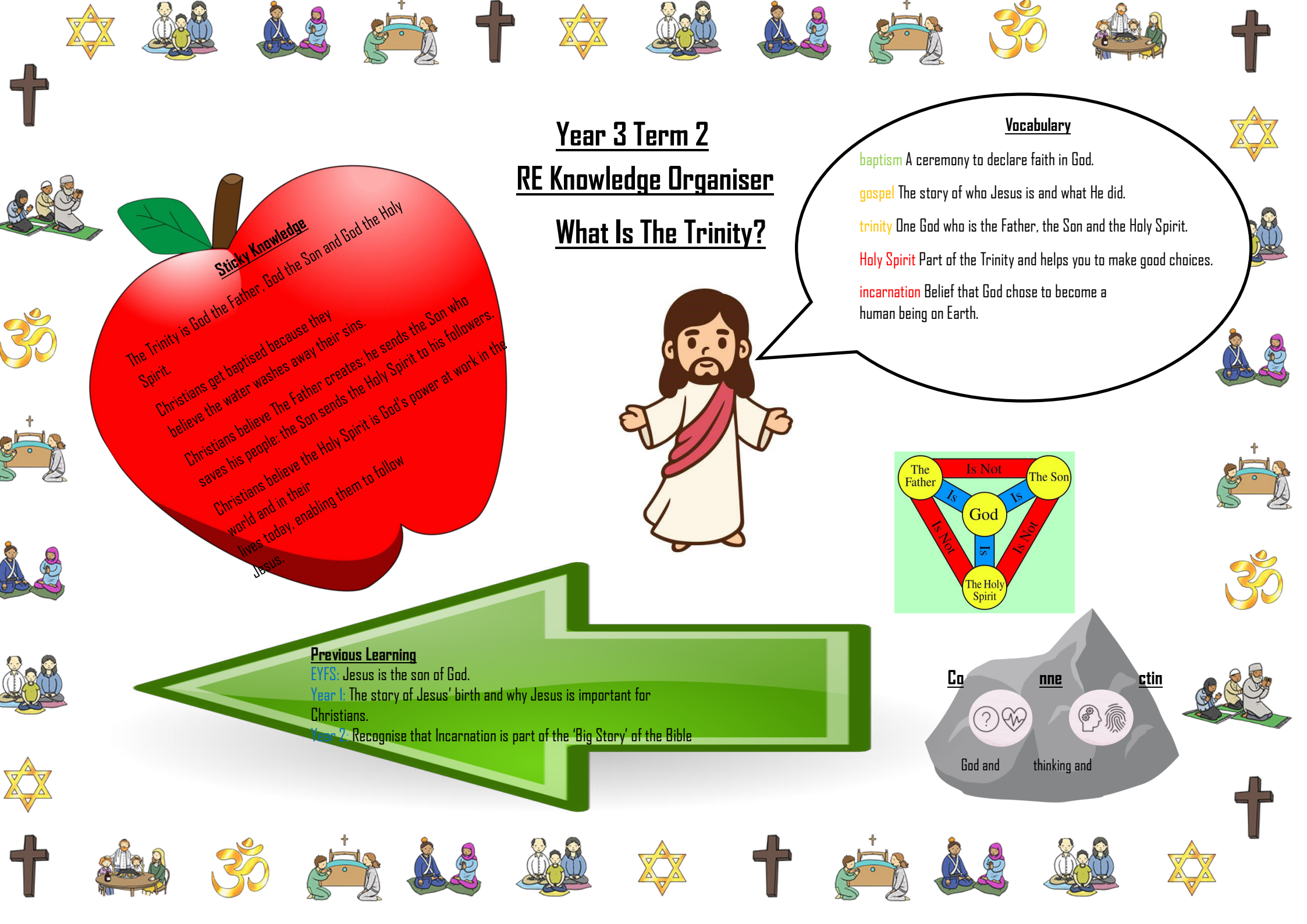
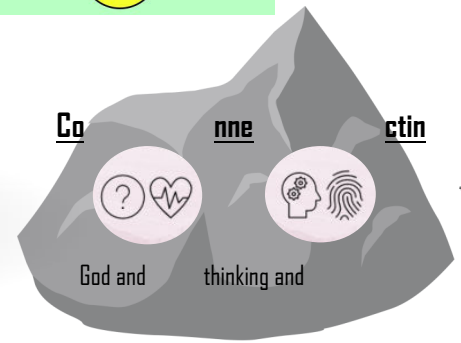


**Previous Learning**

**EYFS:** Jesus is the son of God.

**Year 1:** The story of Jesus' birth and why Jesus is important for Christians.

**Year 2:** Recognise that Incarnation is part of the 'Big Story' of the Bible





## Year 3 Term 2

# Science Knowledge Organiser

### Sticky Knowledge

Sound is made when an object vibrates.

Sound travels to our ears through sound waves.

The louder the sound, the bigger the vibration.

Pitch is how high or low a sound is.

Louder sounds have a greater amplitude, smaller amplitude.

quieter sounds have a

### Previous Learning

Year 1: When instruments are played, they vibrate causing sound.

Year 1: Sound vibrations reach our ears allowing us to hear sounds.

### Vocabulary

**fainter** - getting quieter.

**source** - something that makes a sound.

**frequency** - number of waves produced by a source each second.

**vibration** - Movement back and forth.

**amplitude** - The size of a vibration.

**decibel** - Measures loudness of sound.

