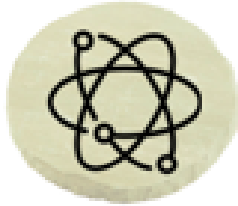


investigation

physics



Year 4 - Science

Sound



Key Vocabulary

eardrum

A part of the ear which is a thin, tough layer of tissue

soundwave

Make the eardrum vibrate

vibrations

A quick movement back and forth

amplitude

The size of a vibration

A larger amplitude = a louder sound

soundproof

To prevent sound from passing

Sticky Knowledge

Sounds get fainter as the distance from the sound source increases

Sounds get louder as the distance from the sound

Links to Previous Learning

KS1 -

To know that various surfaces make sounds under our feet

Materials make sounds when struck (Music)

Identify where sounds originate from

Some sounds are not the same as others

investigation



physics

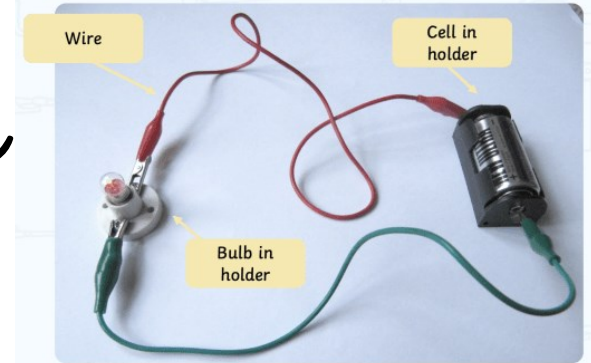


Year 4 - Science

Electrical Circuits

(Terms 2 and 3)

A simple circuit



Key Vocabulary

Eardrum

A part of the ear which is a thin, tough layer of tissue

Soundwave

Make the eardrum vibrate

Vibrations

A quick movement back and forth

Soundproof

To prevent sound from passing through

Amplitude

The size of a vibration
A larger amplitude = a louder

Sticky Knowledge

Simple electrical circuits are made from a bulb, wires, battery

Good conductors are metals such as copper and aluminium

Links to Previous Learning

KS1 -

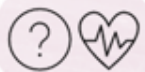
To know that various surfaces make sounds under our feet

Materials make sounds when struck (Music)

Identify where sounds originate from

Some sounds are not the same as others

God & Believing Religious Sources



S

Year 4 - RE Incarnation -

Key Vocabulary

Trinity

There is one God who is the Father, Son, Holy Spirit

Holy Spirit

The spirit of God

gospel

The teachings of Christ

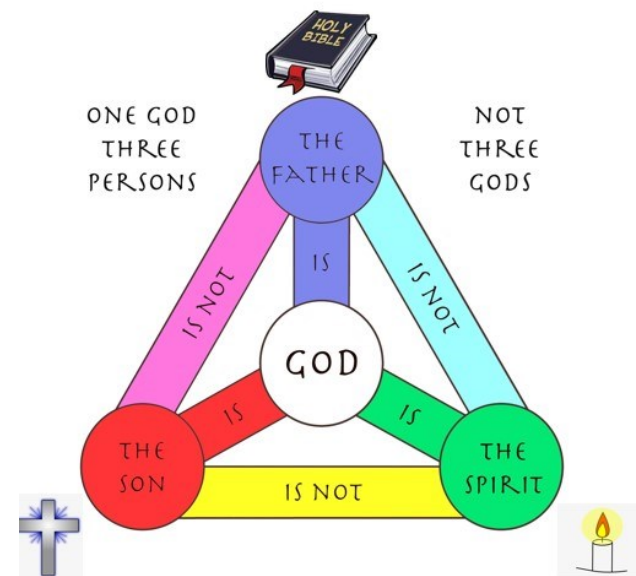
incarnation

A person who embodies in the flesh

Sticky Knowledge

The Trinity is 1 God in 3; The Father, The Son and The Holy Spirit

The gospels spread the "Good News" of Jesus



Links to Previous Learning

Y3 - What makes up The Trinity?

Worships - Eucharist, Lord's

Historical
influencers



evidence



Year 4 - History British Heroes



Mary Seacole

Key Vocabulary

courageous

Able to face and deal with danger

determination

The act preserving

moral

Principles of right and wrong

self-Sacrificing

Willing to go without for the sake
of others

gallant

Displaying dignity or nobility

Sticky Knowledge

Mary Seacole was a significant
British history influencer
because she overcame many
challenges in her life and
was determined to help
soldiers during the

Links to Previous Learning

KS1 - Significant British History
Heroes e.g. Florence Nightingale,
Samuel Pepys

physical



human



Year 4 - Geography

Land Disasters

Key Vocabulary

disaster

Something that causes damage

earthquake

Natural movement of the earth

adapt

Change according to the surrounding environment

greenhouse gases

Substances in the air which causes climate change

Sticky Knowledge

Earthquakes, land slides and wild fires are all land disasters

The movement between the tectonic plates causes friction which causes earthquakes

Increased temperatures are causing ice caps to melt, more wild fires.

Links to Previous Learning

Y3 - Wicked Weather topic
Identified extreme weather and its affects

Newsround - Real global



media



artists



Year 4 - Art Watercolours



Key Vocabulary

techniques

Skills needed to carry out a task

sketching

A rough drawing or painting

dry brush

Brush work done on the dry surface of the paper

flat wash

Brushing strokes of colour on a dry or wet surface

Sticky Knowledge

Dry brush, flat wash and graduated wash are all watercolour techniques

Links to Previous Learning

KS1 -

To use watercolours to create an effect

Y3 -

Colour wheel

Watercolour techniques using brushes (splatter and stippling)

mechanism

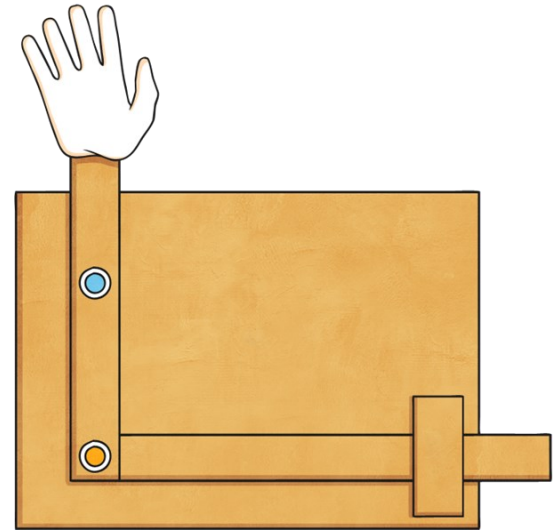


materials



Year 4 - DT

Linkages & Hinges



Key Vocabulary

hinge

A moveable joint or mechanism which opens and closes or connects linked objects

lever

Stiff bar which moves around a pivot

pivot

To turn on a central point

motion

Movement from one place to another

Sticky Knowledge

Hinges enable an object to open and close e.g. a door

Linkages join levers to produce movement e.g. a clothes dryer

Links to Previous Learning

KS1 - Making cards with 3D and pop up elements

Y3 - Levers

multimedia



Year 4 - Computing

Creating media



Key Vocabulary

input

Equipment that helps enter data into a computer

output

Equipment used to send data from one device to another

audio

Recorded sounds

podcast

A digital audio file available on the internet

import

Documents/files/digital items that a person has transferred from one programme to another

Sticky Knowledge

Computers record audio and have a function to enable editing

Links to Previous Learning

Y3 - Input (keyboard) and output (speakers) devices

Keeping safe online

notation genre

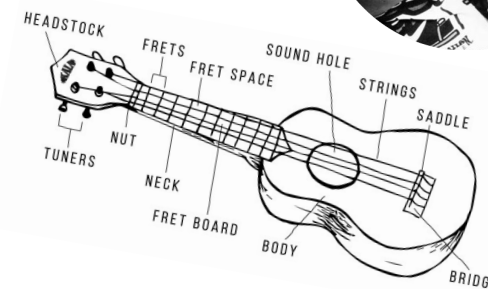


performance appraisal



Year 4 - Music

Musician of the Term Stephen Schwartz



Key Vocabulary

fret

Thin strips of metal set in the neck used to change the notes

chords

A combination of notes played in harmony

genre

The classification of a piece of music

notation

A written system of notes

strumming

Running fingers over all or some of the strings in a rhythm

Sticky Knowledge

Israel Kamakawiwo'ole is a famous Hawaiian singer and ukulele player

His genres of music include jazz and

Links to Previous Learning

Y3 - Recorders / Glockenspiels (notation, performing simple songs using B,A,G notes)

KS1 - Playing untuned