

Year 3 Term 3

Art Knowledge Organiser

Sticky Knowledge

Pinching, smoothing, coiling and slip cast are basic techniques.



Vocabulary

clay: sticky mud that can be shaped by hand

sculpture: art created by carving, molding or building

pinching: technique using thumb and finger to mold clay

coiling: technique using long 'sausage' shaped clay stacked on top of each other to build a shape

Connecting Stones



media



appreciation

Previous Learning

Year 1 Natural materials can be used to make sculptures

Year 2 Sculpture is a 3D art form

Year 3 Term 3

Computing

Knowledge Organiser

Sticky Knowledge

A selection of motion, sound and event blocks can create a program featuring sequences
Event blocks can start a project in a variety of ways

Vocabulary

sequence: things following each other in an order

sprite: a graphical object that can be moved around.

commands: instructions

coding: the process of giving computers instructions in a language that they understand.

algorithm: step by step instructions to solve a problem or complete a task

motion: movement in a given direction

SCRATCH



Connecting Stones

E-safety

E-safety



coding

Previous Learning

Year 1: Debug is a term used when a mistake needs to be corrected when coding.

Year 2: Algorithms are a set of clear, precise and ordered instructions.

Year 3 Term 3

Design Technology Knowledge Organiser

Sticky Knowledge

A linked lever system is a number of levers that are joined together.
Common items that use linked levers are folding chairs, scissors, window hinges and puppets.
Linked levers are connected by fixed or

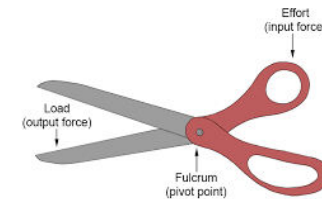
Vocabulary

Linked lever: is a number of levers that are joined together.

mechanical system: a team of parts that work together to make something move or do a job

pivots: central point or pin where a lever joins allowing movement

fulcrum: a fixed point that a lever rests on and pivots around



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Mechanisms

Previous Learning

Year 1 Sliders move when pushed or pulled.

Year 2 A lever is a mechanism—a rigid rod with a pivot point somewhere along its length.

Year 3 Term 3

Geography Knowledge Organiser

Sticky Knowledge

The water cycle is the continuous journey of water from oceans and lakes, to clouds, to rain, to streams, to rivers and back into the ocean again.
A mountain is usually a steep-sided, raised portion of the Earth's surface.
Mountains provide habitats for a large range of plants and animals.
There are three main types of mountains: volcanic, fold, and block.
Mountains can change over time.



Vocabulary

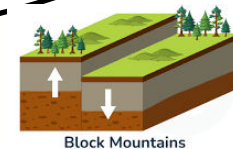
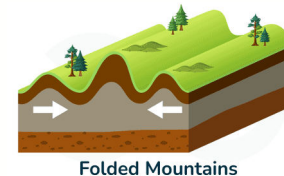
Volcanic: a mountain formed by magma pushing the Earth's crust upwards

mountain: steep-sided, raised portion of the Earth's surface.

fold: a mountain formed when two tectonic plates crash together and push the Earth's crust upwards

block: a mountain formed when a piece of the Earth's crust is pushed upwards in a giant block

steep-sided: has sharp slopes and cliffs



Previous Learning

Year 1 - Physical features are natural.

Year 2 - Physical features differ in this country.

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Comparisons



Physical features

Year 3 Term 2

History Knowledge Organiser

Sticky Knowledge

Ancient Rome, lasted from the 8th century BC until 476 AD.

The Ancient Romans fought many battles and wars in order to expand and protect their empire.

Julius Caesar was a dictator



Vocabulary

conflict: serious disagreements that led to battles or war

consequences: the follow on effects of past events

Roman: an inhabitant of Ancient Rome

Rome: the capital of Italy

Julius Caesar: famous Roman general who helped grow the Roman empire

Previous Learning

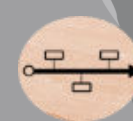
Year 1 - Significant events in history have changed our world.

Year 2 - Exploring "events beyond living memory"

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Historical influencers



Chronology



Conflict

Year 3 Term 3

RE Knowledge Organiser

Sticky Knowledge

Sikhs believe in helping others and this underpins all that they do.
Sikhs celebrate Vaisakhi which is the anniversary of the founding of the Khalsa.
Sikhs worship and serve others at the Gurdwara which is their place of worship.



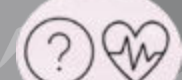
Vocabulary

- serving:** to be of use to one's community.
- obedience:** to carry out a command.
- Gurdwara:** The place of worship for Sikh people.
- Sikhi:** A religion founded in the Punjab region.
- Vaisakhi:** A festival celebrating the

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Community
and living



God &
Believing

twinkl.com

Previous Learning

Year 1: Jews go to a Synagogue to worship.

Year 2: Muslims go to a Mosque to worship.

Year 3 Term 3

Science Knowledge Organiser

Sticky Knowledge

Sound is made when an object vibrates.

The pitch of a sound is determined by the speed of it's vibrations.

Sounds get fainter as the distance from the sound source increases.

Sounds get louder as the distance from the sound source decreases.

Sound



Vocabulary

sound is anything that can be heard.

noise is any sound that we do not want to hear.

ear the body part that detects sounds.

vibration is the rapid back-and-forth movement of particles that creates sound waves, which are then perceived as sound by our ears.

pitch is the highness or lowness of a tone.

fainter barely perceptible noise

Previous Learning

Year 2: Functions of body parts.

EVFS: How we can make sounds.

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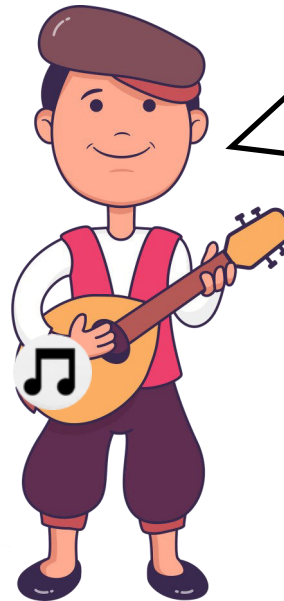


Year 3 term 3

Music knowledge organiser

Sticky knowledge

Time signature is how many beats there are in one bar of music.
Folk music is music made by people a long time ago to share stories and feelings.

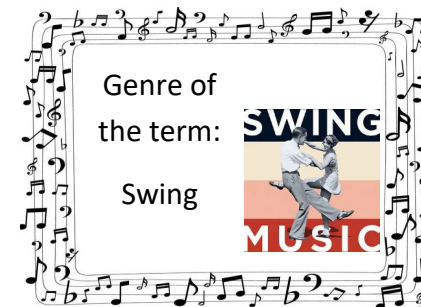


Vocabulary

notation - the musical symbols used when writing music down.

stave - a set of 5 horizontal lines and the four spaces between them. Used in written music to show how high or low a note should sound.

metre - musical pulse that runs throughout the piece of music, it is a pattern made up of several beats and is broken into bars.



Genre of the term:

Swing

Previous learning

Year 1: Beat and Pitch / Music around the world

Year 2: Rhythm / tempo / Music around the world—Asian

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