



Let's see what's coming up for Year 3 in Term 3... Useful Learning

REMINDER

Homework -
SPaG/Maths/Reading = Weekly
(Set Wednesday, handed in on
a Tuesday)

Additional projects may be
introduced when in conjunction
with our intriguing topics.

Just a reminder that whilst
not compulsory outside of
school, we are encouraging
pupils to use Spelling Shed
and Doodle Maths at home
to support their learning.
They can play games and
complete tasks based on
what we are doing in class. If
they still need help logging
on, feel free to drop us a
message to ask for help!



Spelling Shed  **★ doodlelearning**

Summary

Our core focus for this term is the non-fiction book, "The Fossil Girl" by Catherine Brighton. The main outcome will be to write a recount from Mary Anning's fossil journal. This gives us an opportunity to master the skills developed so far.



Key Vocabulary

ammonite

Iguanodon

curiosity

natural history

dinosaur

palaeontology

discovery

Plesiosaur

Ichthyosaur

Recount

first-person

evolution

scientific

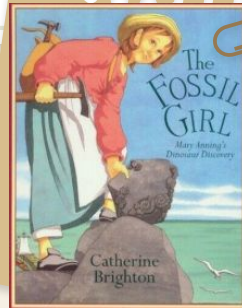
exhibition

scientist

fossil

sculpture

English



Mastery Skills

- Build an increasing range of sentence structures
- Use adverbs to express time, place and cause
- Use headings and sub-headings to aid presentation
- Assess the effectiveness of own and others' writing
- Use a balance of description and opinion
- Use a variety of sentence forms
- Use a range of past tense forms, including present perfect
- Write in 1st person
- Use standard punctuation and paragraphs correctly.

How can I help my child?

Having them read out loud is key!

Practise spellings.

Having a good old fashioned conversation about ideas and words around you.

Correct their spoken mispronunciations!

Mastery Skills

Children who have mastered this unit will start to know their 3, 4, and 8 times-tables off by heart. They will know when to multiply and will understand the difference between equal grouping and sharing. They will know that some divisions do not always give a whole answer and can have a remainder. They will be able to represent multiplication and division problems using a bar model.

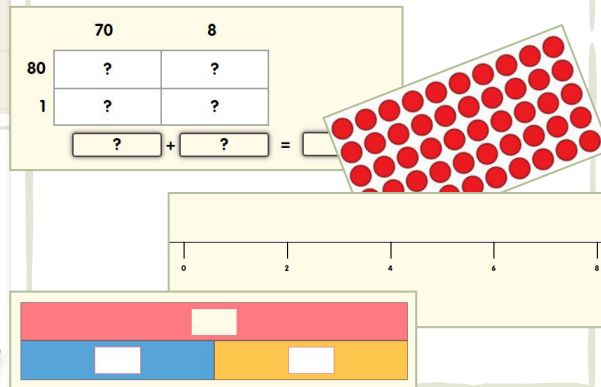
Vocabulary

multiply, multiplication, division, divide, calculation, number sentence, equal to, sharing, grouping, array, bar model, whole, remainder, leftover, pattern, method, times table.

Maths

Multiplication
& Division

Maths Toolkit



How can I help my child?

- Practice their Times Tables (this is the biggest help!)
- Log onto Doodle Maths or Doodle Tables
- Quiz them!

Science

We will be able to:

Describe the appearance of different rocks; identifying both crystals and grains.

Group rocks by their absorbency, hardness and reaction to acid rain.

List the different factors that break down rocks.

Describe fossil formation and identify fossils in rocks.

Describe the work of a palaeontologist.

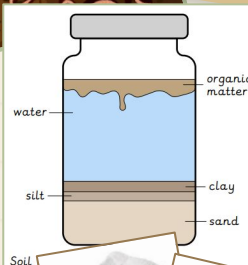
Name, describe and compare some different categories of soil.

List some of the benefits of earthworms to the soil.

Identify and describe the comparative size and weight of the layers in a sedimentation jar.



Materials: Rocks and Soils



Vocabulary

- igneous rock
- loam soil
- magma/lava
- marble
- Metamorphic rock
- mineral
- molten rock
- organic matter
- paleontologist
- peaty soil
- permeable
- sandstone
- sediment
- sedimentation
- Silt
- Era
- Fossil
- Grain
- granite
- absorbency
- acid rain
- bone
- boulder
- chalk
- clay
- clay soil
- crystal
- earthworm

Working Scientifically:

Use a magnifying glass correctly to observe the appearance of a rock in detail.

Use results to choose the appropriate rock type for a specific use.

Research and present information on fossil formation.

Use a model of the fossil record to determine the relative age of a fossil, to suggest how a living thing has changed over time and to suggest what living things were around in a certain era.

Draw and label the bars on a bar chart.

Draw and label the layers of sediment in a sedimentation jar.

We will be able to:

Name and describe properties of the Earth's four layers.

Compare and group rocks based on their appearance, properties or uses.

Describe simply how fossils are formed, using words, pictures or a model.

Devise or respond to historically valid questions about a significant historical figure and suggest or plan ways to answer them.

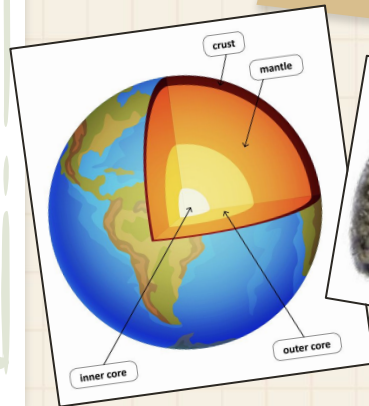
Describe the activity of plate tectonics and how this has changed the Earth's surface over time (continental drift).

Name and locate significant volcanoes and plate boundaries and explain why they are important.

Describe the parts of a volcano or earthquake.

Geography

Relics, Rocks & Rumbles!



Key Vocabulary

Active / Dormant / Extinct

Cinder Cone volcano

convergent

destruction

Country / Continent

Dinosaur / Fossil

Ring of fire

Lava Dome

Magma

Ring of fire

Tectonic Plate

Eruption

Effusive

✓ We will be able to:

In this topic, we will be learning how Lent is a time for Christians to fast, think about God, say sorry for the things they have done that they regret, pray and learn more about the life of Jesus. We will learn that it lasts for 40 days (excluding Sundays), because this is the same amount of time that Jesus spent fasting and thinking about God in the desert before he started teaching and performing miracles. We will study how the last week of Lent is called Holy Week, and how during Holy Week, Christians remember Jesus' crucifixion on Good Friday and celebrate his rising from the dead three days later on Easter Sunday.

Religion & World Views



Lent
(Christianity)



Key Vocabulary

ash	Good Friday
Ash Wednesday	Holy Week
Bible	hot cross bun
Christian	Jesus
cross	Lent
crucified	pretzel
devotionals	service
Easter Sunday	simnel cake
Faith	symbol
fast	test
forgiveness	temptation

We will be able to:

Add tone to a drawing by using linear and cross-hatching, scumbling and stippling.

Use nature and natural forms as a starting point for artwork.






Use and combine a range of visual elements in artwork.

Observe details and sketch accordingly.

Research a significant artist and use their artwork as a stimulus.

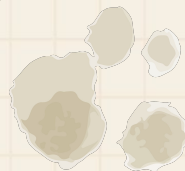
Art

Ammonite (Sketching)

	Hatching is the use of parallel lines to shade an area. Increasing the number, thickness or closeness of the lines creates a darker tone.
	Cross-hatching is the use of parallel lines that are placed at angles to each other to shade an area. Increasing the number, thickness or closeness of the lines creates a darker tone.
	Shading is the use of pencil or other media to create darker and lighter areas. Using more pressure or darker tones of colour creates darker areas. Using less pressure or lighter tones of colour create lighter areas.
	Stippling is the use of dots to shade an area. Dots that are close together create dark tones and dots that are spaced apart create lighter tones.
	Smudging is the use of fingers or a blending stump to smooth areas that have been shaded using hatching, cross-hatching, shading or stippling techniques.

Key Vocabulary

- Ammonite
- medium
- motif
- parallel
- Cross-hatching
- pattern
- Fibonacci
- Score
- Sketch
- Smudging
- Tone



We will be able to:

Log in and out of email.

Send a simple email with a subject plus 'To' and 'From' in the body of the text.

Edit an email.

Type in the email address correctly and send the email.

Add an attachment to an email.

Write an email using positive language, with an awareness of how it will make the recipient feel.

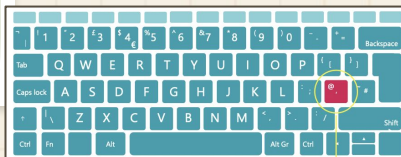
Recognise unkind behaviour online and know how to report it.

Offer advice to victims of cyberbullying.

Recognise when an email may be fake and explain how they know.



Computer Science



Email address examples
example@kapowprimary.com
example@domainname.co.uk

Google:
Emailing

Key Vocabulary

Attachment	Inbox
Bcc (Blind carbon copy)	Information
Cc (Carbon copy)	Link
Compose	Log in/out
Content	Password
Cyberbullying	Personal information
Document	Reply
Download	Responsible
Email/account	digital citizen
Email address	Scammer
Emoji	Settings
Fake	Send
Font	Sign in
Genuine	Spam email
Hacker	Subject bar
Icons	Username
	Virus
	WiFi

We will be able to:

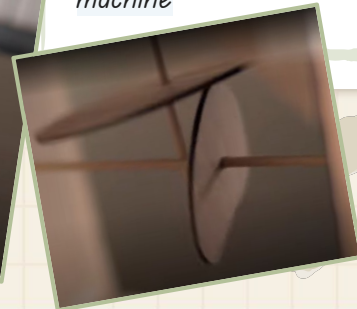
In this topic, we will explore and use a range of mechanisms (levers, sliders, axles, wheels and cams) in models and products, and learn that cams are devices that can convert circular motion into up-and-down motion. We will investigate how the cam is fixed to the axle and the follower sits on the cam, and observe how when the axle is rotated, the follower moves up and down, following the shape of the cam.

We will experiment with different shaped cams and notice how they produce different patterns of movement in the follower. We will also create our own cam mechanism out of junk materials, before evaluating our product.

Design & Technology



Making it Move



Key Vocabulary

Al-Jazari	mechanism
automaton	pear cam
axle	rotation
cam	slider
circular cam	snail cam
design criteria	wheel
dowel	
follower	
heart cam	
Jacques de Vaucanson	
lever	
linkage	
machine	

Gymnastics skills/aims...

Physical: point and patch balances, jumps, straight roll, barrel roll, forward roll

Social: work safely, collaboration, supportive

Emotional: perseverance, confidence, independence

Thinking: observe and provide feedback, creativity, select and apply skills

Rounders skills/aims...

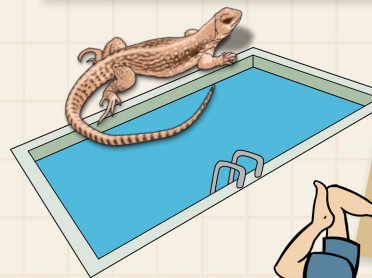
Physical: underarm and overarm throw, catch, bowl, track, field and retrieve a ball, bat, balance, run

Social: communication, collaboration, co-operation, respect

Emotional: honesty, confidence determination

Thinking: comprehension, tactics, rules

P.E

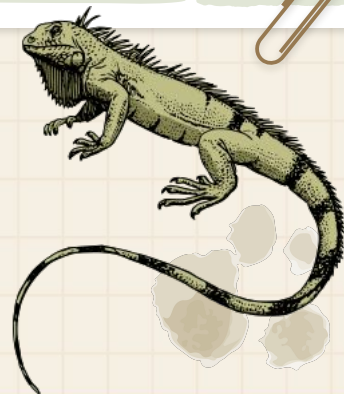


Swimming,
Gymnastics
& rounders

In swimming sessions, we will be led by trained coaches to improve our water confidence/safety whilst developing our technique in different aspects of the sport.

Key Vocabulary

Balance	accuracy
Stretch	bowler
Straight	Caught out
Barrel	collect
Roll	No ball
Apparatus	score
Sequence	Short barrier
Transition	strike
Contrasting	stump
Action	Stumped out
Shapes	umpire



We will be able to:

Verbalise how the music makes them feel.

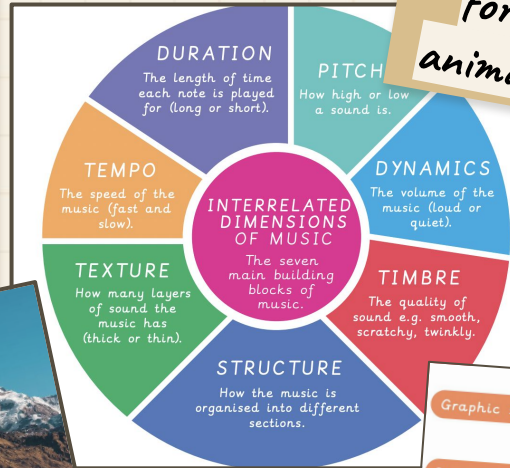
Create actions or movements appropriate to each section of a piece of music.

Play in time and with an awareness of other pupils' parts, giving some thought to dynamics.

Play melodies and rhythms which represent the section of animation they are accompanying.

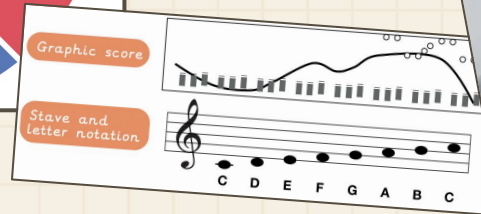
MUSIC

Creating compositions for an animation



Key Vocabulary

influence
listen
dynamics
timbre
pitch
repeated rhythm
pattern
notation
ensemble
compose



We will be able to:

Recall all numbers one to six, with generally accurate pronunciation, in particular vowel and combinations sounds ('un', 'eu', 'oi' and 'in').

Join in with a song using actions.

Respond to numbers by showing fingers or ticking on whiteboards.

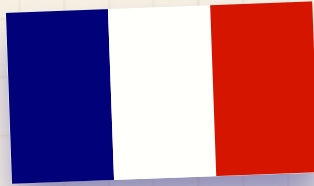
Ask and answer a question about their age.

Change their answers and recognise number words.

Listen carefully and relate sounds to a written phoneme.

Recall numbers one to 12 with increasingly accurate pronunciation.

French



Playground
games -
Numbers
and ages

Key Vocabulary

un
deux
trois
quatre
cinq
six
sept
huit
neuf
dix
onze
douze



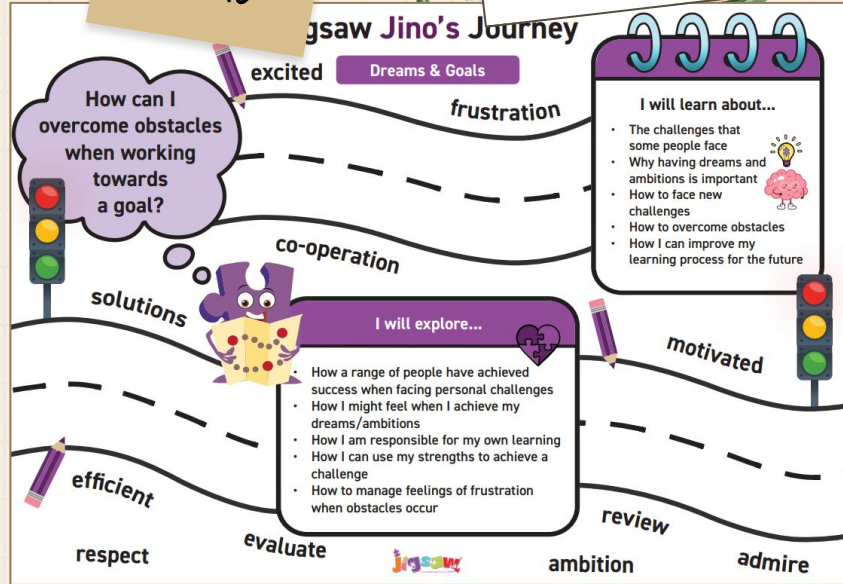
In this Puzzle the class look at examples of people who have overcome challenges to achieve success and discuss what they can learn from these stories. The children identify their own dreams and ambitions and discuss how it will feel when they achieve them. They talk about facing learning challenges and identify their own strategies for overcoming these. The children talk about obstacles which might stop them from achieving their goals and how to overcome these. They reflect on their progress and successes and identify what they could do better next time.

PSHE

Dreams & Goals



Jigsaw Jino's Journey



Key Vocabulary

'solve it together'

technique,
solutions,
Review,
Evaluate
Respect,
Admire,
ambition.

Co-operation,
motivated,
enthusiastic,
excited,
efficient,
responsible,
frustration