

Here's what we have to look forward to in Term 3...

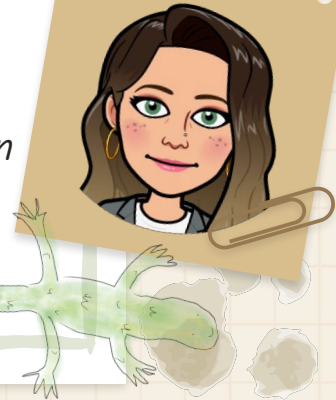
A reminder:

Homework = Weekly

Spellings = Weekly (with a test on Friday)

Times Tables = Weekly (with a test on Friday)

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



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

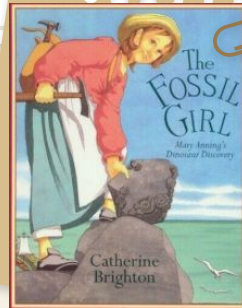
exhibition

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

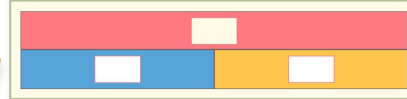
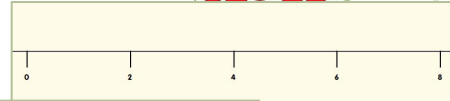
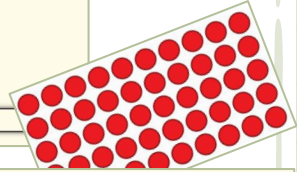
multiply, multiplication, division, divide, calculation, number sentence, equal to, sharing, grouping, array, bar model, whole, remainder, leftover, pattern, method, times table.

Maths

Multiplication & Division

Maths Toolkit

	70	8	
80	?	?	
1	?	?	
	?	+	?
		=	



How can I help my child?

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

Homework is usually something that will address gaps or recap weaker areas!

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.

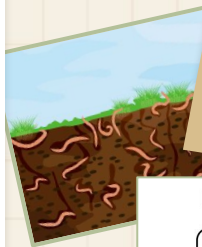
Describe fossil formation and identify fossils in rocks.

Describe the work of a palaeontologist.

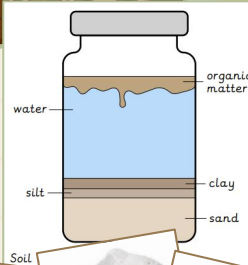
Name, describe and compare some different categories of soil.

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
- palaeontologist
- 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:

Describe what lines of latitude and longitude are.
Understand that the Northern/Southern Hemispheres experience seasons at different times; Define what climate zones are.

Understand Antarctica has a polar climate made up of ice sheets, snow and mountains; Describe Antarctica's location in the far south of the globe.

State that tourism and research are the two main reasons people visit Antarctica; Describe equipment researchers might use and clothes they wear.

List some of the research carried out in Antarctica.

State the outcome of Shackleton's expedition.

Successfully plot four-figure grid references at the point where the vertical and horizontal line meet.

Describe a similarity and difference between life in the UK and life in Antarctica.

Begin to recall the eight points of a compass, following at least four of them.

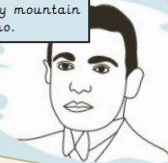
Recognise and describe features on their school grounds from an aerial map; Draw a map of the route they take on an expedition.

Geography



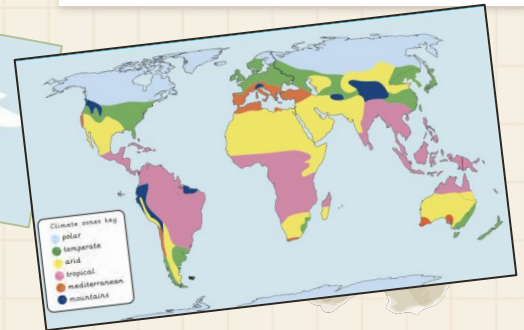
Antarctica is located at the southernmost point on the globe. It experiences extreme blizzards and snowstorms, has many mountain ranges and even an active volcano.

Who lives in Antarctica?



Key Vocabulary

climate
climate zone
compass points
direction
drifting ice
hemisphere
ice sheet
ice shelf
iceberg
lines of latitude
lines of longitude
treaty



We will be able to:

Explain what some people mean by revelation.

Evaluate the significance of scripture to some Jewish, Christian and Muslim people.

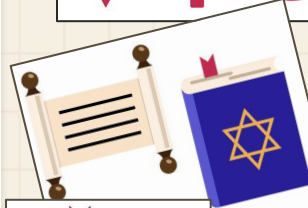
Explain how some ways of using and treating the Qur'an, the Christian Bible and the Torah show its importance.

Discuss the similarities and differences between scripture considered by some to be the word of God and human interpretations or commentary.

Make links between scripture from the Abrahamic religions.

Identify similarities within and between worldviews in the way scripture is viewed and used, including in places of worship.

Religion & World Views



Is scripture central to religion?

Key Vocabulary

- | | |
|-------------------|---------------|
| • Abrahamic | lectern |
| • Alimah | mandir |
| • annotate | Muhammad |
| • central | Mus'haf |
| • Chumash | Nevi'im |
| • Christian Bible | New Testament |
| • dictated | Old Testament |
| • faith | precious |
| • Gideon Bible | prophet |
| • gurdwara | Psalms |
| • Hadith | Quaker |
| • holy | Qur'an |
| • Jibril | Sahaba |
| • Ketuvim | scroll |
| • Sefer scroll | sermon |
| • Torah scroll | recite |
| • Ulama | revelation |
| | sacred |
| | synagogue |

We will be able to:

Try out different ways to make card shapes three dimensional.

Make a structure that holds its 3D shape. Explain in simple terms the difference between 2D and 3D art.

Combine shapes together to make an interesting free-standing sculpture.

Draw a cardboard model from different angles, focusing on shapes in the positive and negative space to achieve an abstract effect; Plan an abstract sculpture based on play equipment.

Show that they have learned how to shape materials in more than one way.

Show that they have thought about how to improve their sculptures and made choices about what to add; Work cooperatively in pairs to add detail to their artwork.

Art

Key Vocabulary

abstract

found objects

negative space

positive space

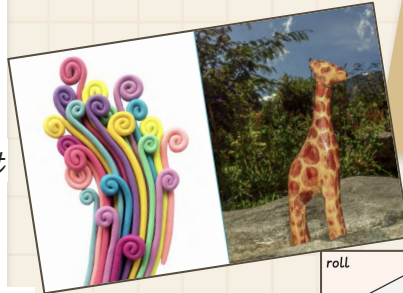
sculptor

sculpture

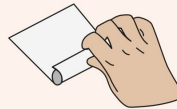
structure

three-dimensional

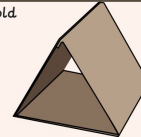
Sculpture:
Abstract



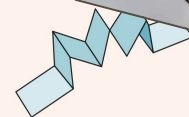
roll



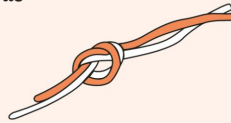
fold



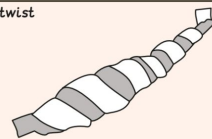
concertina



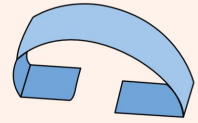
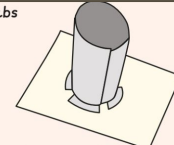
tie



twist



tabs



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.



Computing

Google:
Emailing



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

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:

Draw and label a simple castle that includes the most common features.

Recognise that a castle is made up of multiple 3D shapes.

Design a castle with key features which satisfy a given purpose.

Score or cut along lines on the net of a 2D shape.

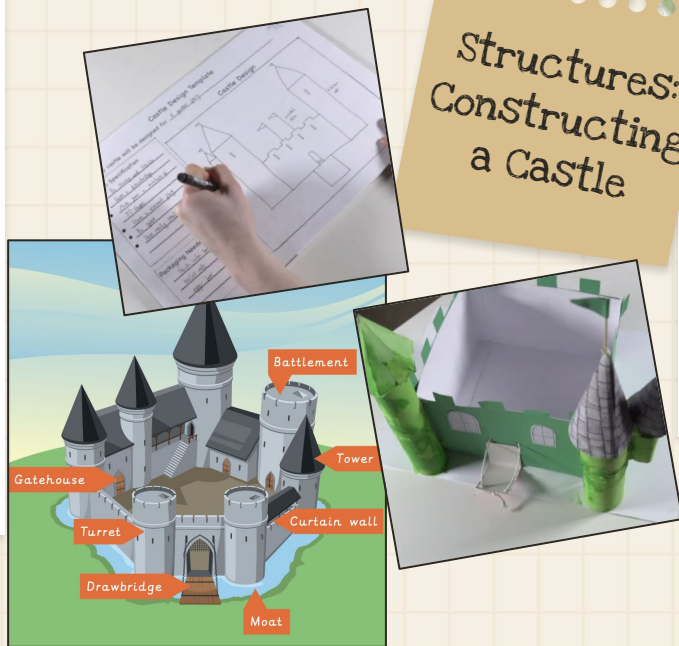
Use glue to securely assemble geometric shapes.

Utilise skills to build a complex structure from simple geometric shapes.

Evaluate their work by answering simple questions.

Design & Technology

Structures:
Constructing
a Castle



Key Vocabulary

2D

3D

castle

design

key features

net

scoring

shape

stable

stiff

strong

structure

tab

Gymnastics skills/aims...

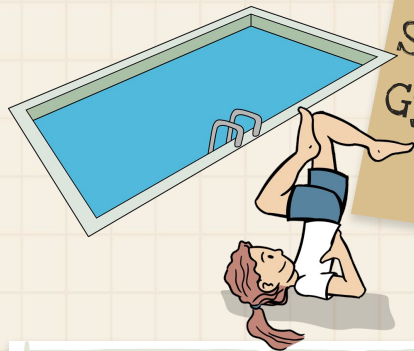
Physical: point and patch balances, jumps, straight roll, barrel roll, forward roll

Social: work safely, collaboration, supportive

Emotional: perseverance, confidence, independence

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

P.E

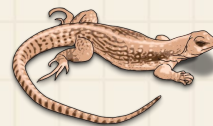


Swimming & Gymnastics

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
Stretch
Straight
Barrel
Roll
Apparatus
Sequence
Transition
Contrasting
Action
Shapes*



We will be able to:

Move and sing as a team, following the lyrics on the screen.

Recognise minims, crotchets and quavers often by ear and reliably by sight.

Perform rhythms accurately from notation and layer them to create a composition.

Add appropriate sound effects to their performances using untuned percussion.

Join in with the performances confidently, and reasonably in time and tune.

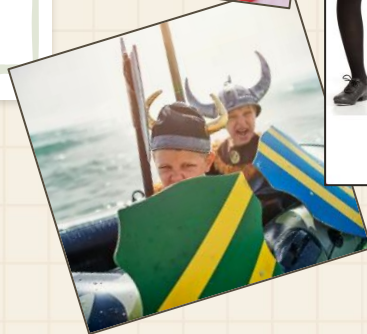
Make suggestions for improving their performance.

MUSIC

Developing Singing Technique: Vikings Theme

Key Vocabulary

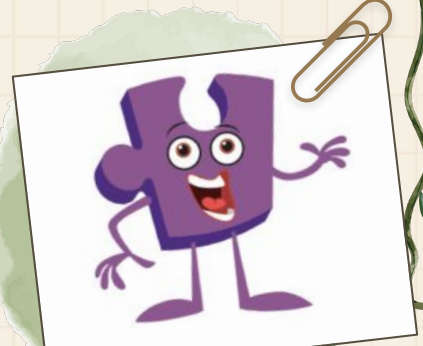
composition
melody
notation
tempo
minim
crotchet
quaver
coordinated
disciplined



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

Dreams & Goals

excited **frustration**

How can I overcome obstacles when working towards a goal?

co-operation

I will learn about...

- The challenges that some people face
- Why having dreams and ambitions is important
- How to face new challenges
- How to overcome obstacles
- How I can improve my learning process for the future

solutions

I will explore...

- How a range of people have achieved success when facing personal challenges
- How I might feel when I achieve my dreams/ambitions
- How I am responsible for my own learning
- How I can use my strengths to achieve a challenge
- How to manage feelings of frustration when obstacles occur

efficient **motivated**

respect **evaluate** **ambition** **admire**

review

Key Vocabulary

'solve it together'

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

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