





Topic	Science	Theme	Explorers	Year Group	2
Key Question	Animals needs for survival & Animals including humans				


Key Vocabulary	
adult	A fully grown animal or plant.
develop	To grow bigger and become stronger.
life cycle	The changes living things go through to become an adult.
offspring	The child of an animal.
young	Offspring that has not reached adulthood.
live young	Offspring that has not hatched from an egg.

Some animals give birth to **live young**.



Some animals lay eggs which the **young** hatch from.



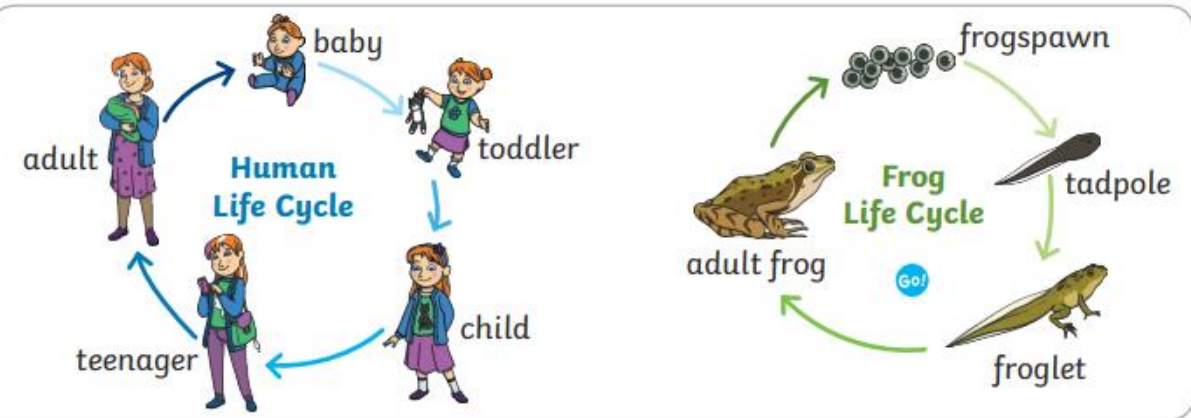
Both of these types of **young** then **develop** into **adults**. 


Some **offspring** look like their **adult** when they are born.




Some **offspring** do not look like their **adult** when they are born.





All **young** animals change as they go through the different stages of their **life cycle** and grow into **adults**. 

Prior Knowledge:

Know the difference between things that are alive, dead and have never been alive.

Know and name a variety of habitats














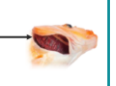




Can describe food chains


Know that plants and animals live in different places

Habitats provide the conditions best suited for the animal that lives there.



Topic	Science	Theme	Explorers	Year Group	2
Key Question	Animals needs for survival & Animals including humans				


mammal 	feathers 
fur 	beak 
carnivore 	insect 
herbivore 	wing 
omnivore 	fish 
bird 	scales 
adult 	gills 
baby 	fin 
shelter 	amphibian 

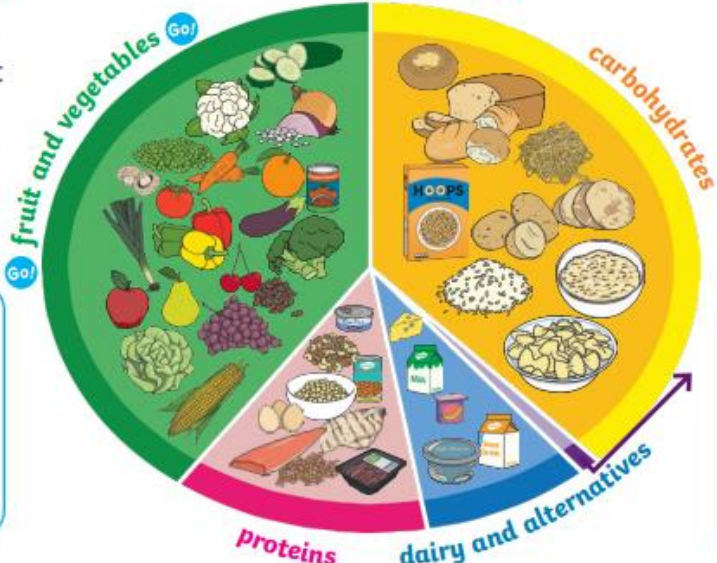
Key Vocabulary 	
diet	The food and water that an animal needs.
disease	Illness or sickness.
exercise	A physical activity to keep your body fit.
germs	Tiny living things that can cause disease.
hygiene	How we keep ourselves and the world around us clean so we can stay healthy and stop germs spreading.
nutrition	Food needed to live.
pulse	The beating of the heart that can be felt in your neck and wrist.


To stay alive, all animals have three basic needs for survival:

 air  water  food

To grow into a healthy adult, we must eat the right types of food in the right amount and exercise.

Eatwell Guide 



fruit and vegetables 

carbohydrates

proteins

dairy and alternatives

6-8 a day
Water, lower fat milk and sugar-free drinks.

Eat less often and in small amounts.

oil and spreads
Choose unsaturated oils and use in small amounts.

Being active and **exercising** keeps our bodies and minds healthy. 

To stop germs from spreading, it is important to be **hygienic**. 



Topic

Computing - Online Safety

Theme

Explorers

Year Group

Year 2



Purple Mash Computing Scheme of Work: Knowledge Organisers

Unit: 2.5 Effective Searching

Key Learning

- To understand the terminology associated with searching.
- To gain a better understanding of searching on the Internet.
- To create a leaflet to help someone search for information on the Internet.

Key Questions

How can I search the Internet?

The easiest way to search the Internet is using a search engine. The search engine crawls the Internet looking for answers to the search enquiry. Google is a popular search engine.

Key Resources



Prior knowledge

- How to login
- Use username
- Use a password
- How to log out
- How to use google to locate Purple mash

Key Vocabulary

Digital Footprint

The information about a person that exists on the Internet as a result of their online activity.

Network

Connected devices that can send and receive information, voice and video.

Web Page

A single page which can include images, videos and charts.

Domain

Part of the Internet owned by an individual, company or organisation.

Search Engine

A program to help you find web pages on the Internet.

World Wide Web

The web pages and documents you see when you are browsing online. It is just one part of the Internet.

All units

- Use of 2Dos
- Saving, opening and editing work
- Sharing work
- Copying and pasting
- Mouse, keyboard and device skills

Internet

A way to send information from one computer to another anywhere in the world using technology such as phones, satellites and radio links.

Web Address

Identifying address for a file or web page on the Internet. Also known as URL.

Web Site

A collection of web pages that belong to one domain.



Topic	Art / Drawing Tell Me a Story	Theme	Explorers	Year Group	Year 2
-------	-------------------------------	-------	-----------	------------	--------



In Year 1:

Developing observational drawing skills when exploring mark-making. Children use a range of tools, investigating how texture can be created in drawings. They then apply these skills to a collaborative piece using music as a stimulus.

Charcoal	A drawing material made from burnt wood
Cross-hatching	Drawing lines crossed over and close together
Scribbling	Drawing lines in a fast and irregular way
Concertina	Folding something backwards and forwards so it becomes smaller but can be stretched out again
Expression	Is the look on a face caused by how someone is feeling
Stippling	Making quick up and down hand movements to make dash and dot marks on paper
Illustrations	Showing a story using pictures
Illustrator	Someone who draws book illustrations

What is charcoal? Charcoal is wood that has been burnt. It is black and snaps easily. It is good for drawing but can be messy.

Quentin Blake

- Born in London in 1932
- Most famous for illustrating Roald Dahl books
- He has won lots of prizes for his work
- He has been a teacher showing other people how to draw

How can you use charcoal to make these marks?

Simple lines and shapes can show different expressions



Los instrumentos

rr

sound in:

• guitarra

&



phonics

stress placement

Words that end in a vowel, 'n' or 's' are normally stressed on the second to last syllable like trom-pe-ta, and gui-ta-rra.

accents

Accents indicate the vowel is stressed. As seen in vio-lín, cím-balos, tri-án-gulo and bat-er-ía

10 instruments in Spanish.



vocabulary

Simple sentences like:



Toco el violín.

I play the violin.

The difference between the 3 determiners for 'the' that we see in this unit:

el

la

los

grammar

How and when to use the high-frequency regular verb 'I play' in Spanish when saying 'I play an instrument':

toco

I play

- No previous knowledge of the foreign language is required as this is one of the recommended starter units.
- Vocabulary from the 'Greetings' and 'Colours & Numbers' units which are recommended prior to teaching this unit.
- What a noun and article/determiner is in English.
- What a verb is in English.





Topic	RE Why does Easter matter to Christians?	Theme	Explorers	Year Group	Year 2
-------	------------------------------------------	-------	-----------	------------	--------

	Key Vocabulary
Jesus	God's son on earth
Holy Week	The week before Easter
Easter	A Christian festival celebrating the death and resurrection of Jesus
Good Friday	The day when Jesus was nailed to the cross
Forgive	To stop feeling angry towards someone for something they have done
Sin	Behave in a bad way that breaks the rules
Saviour	A person who saves someone from danger
salvation	Being rescued from danger
bible	The book that tells us about Jesus and God

Why does Easter matter to Christians?



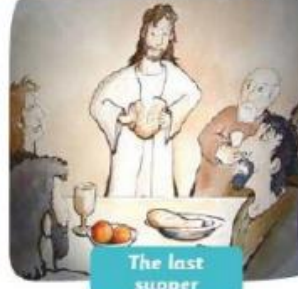
What will we learn?
In RE we will be learning all about Easter. Why and what is important to Christians? Is it all about chocolate eggs? We will be looking at the events in the Holy Week before Easter and why they are so significant. We will look at the clear messages in the bible about forgiveness and think about what that means for us today.

How will you celebrate Easter? Do you know why there is a cross on a hot cross bun?

What do you already know about the Easter story? Is it a sad or happy story? Why?



Jesus is crucified


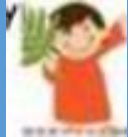





The last supper

Should we always forgive others? Even when it's really difficult?

Christians believe everyone can have a fresh start, just like the soil gaining new seeds when watered.



Key Word		
Jesus		God in human form God the Son
Palm Sunday		The day when people remember Jesus riding into Jerusalem
Good Friday		The day when Jesus' death is remembered.
Crucifixion		Jesus died on a wooden cross- this is called crucifixion.
Easter Sunday		The day when Christians celebrate Jesus' resurrection.
Resurrection		Christians believe that Jesus came back to life again.

Children should already know the Easter Story from their year 1 work. They should also know this is one of the most important times of the year for Christians.



Topic

Geography

Theme

Explorers

Year Group

Year 2

Key Question

How is Kenya different from Ridgeway?

Vocabulary	
airport	a place where aeroplanes land and take off
capital city	the city where the government sits. London is the capital city of England and the UK.
city	a large town . London is a city .
climate	weather that is typical of a place
continent	a very large area of land that consists of many countries . Europe is a continent .
country	an area of land that is controlled by its own government.
farm	an area of land used to produce crops or to breed animals and livestock.
hill	a naturally raised area of land, which is not as high as a mountain.
hotel	a place that provides somewhere to sleep and eat for guests.
house	a building designed for people to live in.
human features	features of land that have been impacted by human activity
humid	a climate that is very hot and damp
landscape	everything you can see when you look across an area of land, including hills, rivers, buildings, trees, and plants.
office	a building of rooms where business and work is carried out by office workers.
physical features	natural features of land
town	a large group of houses, shops and buildings where people live and work. Towns are larger than villages but smaller than cities . Swindon is a town .
train station	a place on a railway line where trains stop for people to get on and off trains.
vegetation	plants, trees and flowers
village	a small group of houses, perhaps with a few shops. Purton is a village .
weather	the condition of the atmosphere in one area at a particular time, for example if it is raining, hot, or wind

Human Geographical Features of Nairobi
<ul style="list-style-type: none"> In Nairobi, people live in houses and apartments. There are tall buildings, which are called skyscrapers. The Times Tower is the most famous skyscraper in Nairobi. There are lots of offices in the Times Tower. Nairobi also has many parks, museums, shopping malls and supermarkets. There is also a train station and an airport. Many tourists visit Nairobi. This means that there are lots of hotels for them to stay in.
Physical Geographical Features of Nairobi
<ul style="list-style-type: none"> The climate is warm and temperate in Nairobi but there is a significant amount of rainfall during the year. There is a wet season and dry season. Nairobi has many hills. There is a national park in Nairobi where there are giraffes and rhinos. The largest national park in Kenya is called the Maasai Mara its animals include lions, cheetahs, elephants, zebras and hippos. It is a three hour drive away from Nairobi.
Geographical Skills and Fieldwork
<ul style="list-style-type: none"> Use aerial photographs to compare Great Cornard and Nairobi. What is the same? What is different? Use an atlas to find Kenya and the UK. Can you give instructions on how to use an atlas? Contact pupils in schools in Nairobi. What questions do you want to ask them? What can you tell them about Great Cornard?
What should I already know?
<ul style="list-style-type: none"> There are seven continents, including Africa and Europe, and five oceans. The town I live in is called Swindon. The village is called Purton. Swindon is in England, which is in the UK. The UK is in the continent of Europe. Kenya is an example of a country that can be found in the continent of Africa.

Weather and Climate

Kenya lies on the equator.

Climate is hot, sunny and dry for most of the year.

Hot, dry deserts in the north.

Hot and humid in the west.

The highlands are cool.

Mount Kenya is high enough to be covered in snow all year round.



Maasai Tribe.



Traditional mud hut.

Where is Kenya?

- Located in east Africa.
- Population of around 44 million.
- The capital city is Nairobi.
- Mombasa, situated on the coast, is one of Kenya's largest cities.
- The Tana river is the longest river in Kenya.
- Mount Kenya is the highest mountain (5200m).
- Kenya's coastline is on the Indian Ocean.
- Swahili and English are the official languages.





Topic

Music - West African Call and Response Song

Theme

Explorers

Year Group

2

call and response:

One person sings or plays something and others sing or play something back, in reply.



my turn

What sound does a lion make?



your turn

Roar!

dynamics:

The volume of a piece of music.



sound pattern:

When long and short sounds repeat in a certain way.



I

am

growling



I

am

growling



I

am

growling

