



Science Knowledge Organiser



Year Reception/1 Summer 2023

What I already know

- Exploring the natural world around them.
- Know similarities and differences between the natural world.
- Make observations of animals in the world.

Sticky Knowledge

I know that mammals give birth to live young and are warm blooded.
 I know that fish are cold blooded and breath underwater using gills.
 I know a bird is warm blooded, lays eggs and has wings, feathers and a beak.
 I know reptiles are cold blooded, lay eggs and live on land and water.
 I know vertebrates are animals that have a backbone and invertebrates do not have a backbone.
 I can explain the difference between omnivores, carnivores and herbivores.

Vocabulary

backbone, cold blooded, carnivore, environment, farm, gills, herbivore, invertebrate, omnivore, pet, temperature, vertebrate, warm blooded, wild, amphibian, bird, fish, mammal, reptile

Ideas for home learning

- Draw pictures of different animals.
- Make a habitat for animals using a shoe box.
- Find stories with animals as the characters.



Reptiles	Amphibians	Mammals
<p>Are cold blooded.</p> <p>Have scales not fur</p> <p>Have ear holes, not ears.</p> <p>Have dry skin.</p> <p>Live on land and water</p>	<p>Are cold blooded.</p> <p>Live on land and water</p> <p>Lay eggs.</p> <p>Have moist skin.</p> <p>Have webbed feet.</p>	<p>Are warm blooded.</p> <p>Their young drink their mother's milk.</p> <p>We are mammals.</p> <p>Have hair or fur</p> <p>Give birth to live young.</p>



History Knowledge Organiser

Year Reception/1 Summer 2023



Vocabulary

past, present, timeline, explore, sailor, astronaut, similarities, differences, fisherman, achievement, change, significant individuals, voyage, exploration, expedition, moon landing, circumnavigate

What I already know

Talk about people of the past and present.

Understand the past through characters and settings.

Draw on my own experiences of the past.

Know similarities and differences of past and present.



Sticky Knowledge

I know Christopher Columbus lived over 500 years ago.

I know Christopher Columbus was a sailor and travelled by ship and discovered the Americas.

I know Neil Armstrong was an astronaut.

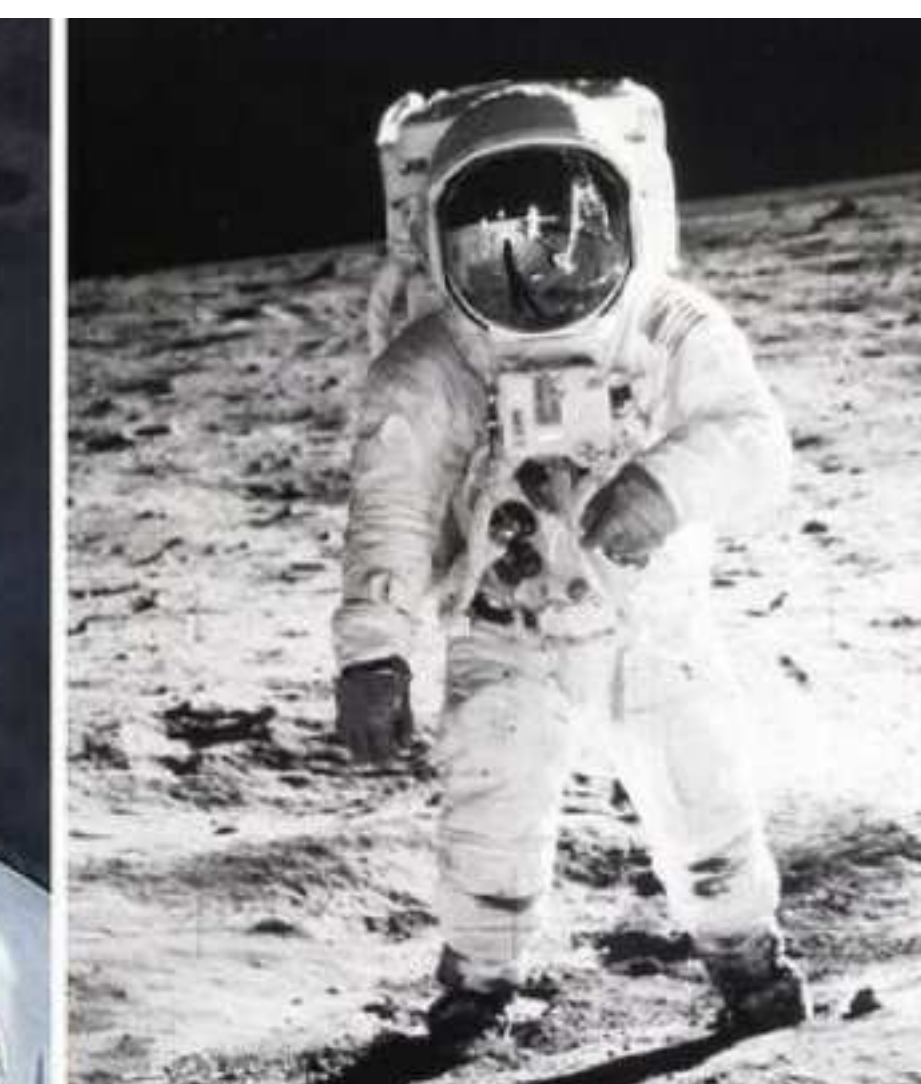
I know Neil Armstrong was the first man to walk on the moon.

I know Sir Francis Drake was the first sailor to circumnavigate the world.

Ideas for home learning

Imagine you discovered some land. What would it look like? What would you call it?

Make some planets using paper mache.





Art Knowledge Organiser

Year Reception/1 Summer 2023

What I already know

Safely use and explore a variety of tools and materials.

Explore texture, colour and how to join materials.

I know what 2D and 3D means.

Ideas for home learning

Can you make a moving bird?

Make some wax crayon rubbings of feathers or any textures.

Sticky Knowledge

I know that when I am looking at an object I need to look at the shape and lines.

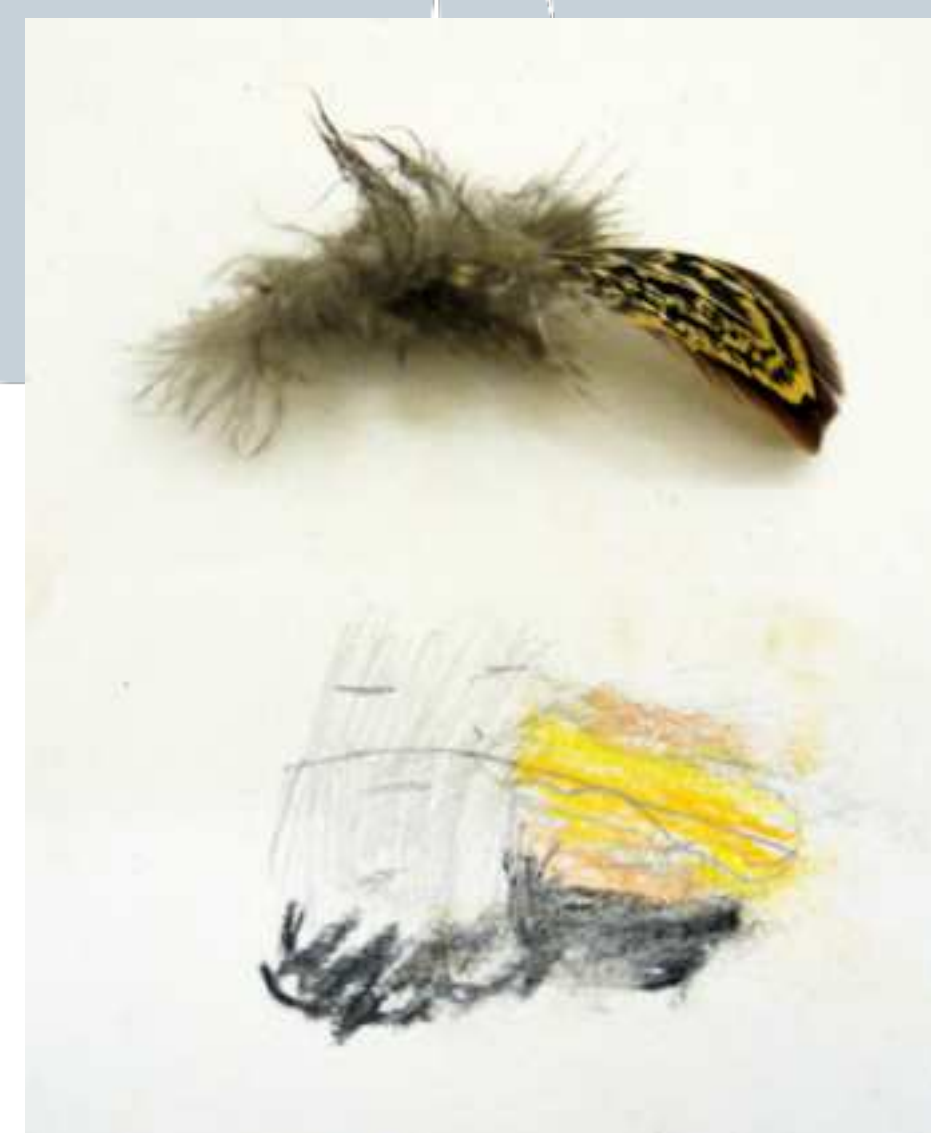
I know that I can mix colours to get the right shade.

I know I can fold, tear and crumple materials to make them 3D.

I know I can use a range of materials to make a 3D sculpture.

Vocabulary

lines, shapes, mark making, texture, soft pencils, graphite, handwriting pen, pastel, oil pastel, coloured pencil, observation, collage, sculpture, character, installation, flock, collaboration, fold, tear, crumple.





Geography Knowledge Organiser



Year Reception/1 Summer 2023

What I already know

Explore the world around me.

Exploring my local environment and who lives there.

Finding similarities and differences between contrasting environments.

Draw simple maps and use map symbols.

Use a compass to navigate.

Ideas for home learning

Make a model of the globe, naming the continents.

Listen to the Seven Continents Song on youtube.

Sticky Knowledge

I know that the world is made of land and water.
I can find information from a simple map.
I know the seven continents of the world.
I know the five oceans are Atlantic, Arctic, Indian, Pacific and Southern.
I know large amounts of water between each continent are called oceans.
I know that some continents are joined together by land, others are separated by oceans.

Vocabulary

Ocean
continent
countries
seas
map
atlas
globe

