

Mammals

- Are warm blooded
- Live on land or in water
- Have hair or fur
- Have skeletons inside their body
- Give birth to live babies which drink their mother's milk.



Polar bears are **mammals** and they live in the **northern hemisphere**. They live in cold places.



Birds

- Are warm blooded
- Live on land or in water
- Have feathers, wings (not all birds can fly) and a beak
- Have skeletons inside their bodies
- Lay eggs.



Penguins are classified as **birds**. They live in the **southern hemisphere**. They can live in hot and cold climates.

Science Knowledge Organiser - Working scientifically (KS1)

Children in Year 1 and Year 2 will explore the world around them and come up with their own questions. They will learn to work scientifically which involves:

Asking simple questions



eg) What if ? Where? How? Why? Which? How many?

Recognising that questions can be answered in different ways

Observing closely using their senses



Using their observations and ideas to suggest answers to questions

Using simple equipment eg) magnifying glasses, timers, thermometers

Performing simple tests

Identifying and classifying

Gathering and recording data to help answer questions

When working scientifically, we may be asked to record our findings:

Prediction: This is what we think will happen and is usually based on what we already know.

Results: We may be asked to write about or draw our results. Remember to use all of your senses **except taste unless your teacher says it is safe!**

