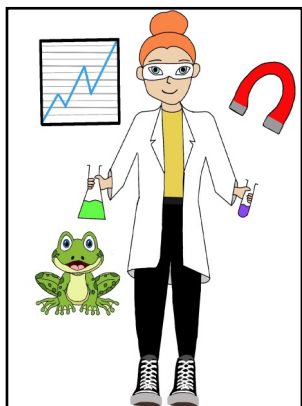




Knowledge Organiser

Year Group:	2	Subject:	Science– Animals including humans	Term:	Spring 1
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Enquiry Question

How could you survive on a desert island?

Substantive Knowledge (key facts)

- All animals need water, food, shelter, oxygen, and temperature to meet their basic needs.
- All animals reproduce. This means having offspring.
- Humans need to exercise. It builds our muscles and helps to pump blood around our body.
- It is important that humans eat a balanced diet with all the right nutrients (carbohydrates, fruit and vegetables, oils and spreads, proteins, and dairy)

What should I already know?

- How to classify a range of animals by amphibian, reptile, mammal, fish and birds.
- Know and classify animals by what they eat.
- Know the basic parts of the human body and say which part of the body is

Concept

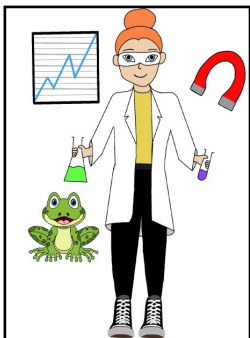


Sequence of learning

1)	Classify animals and describe their characteristics.
2)	Describe how animals change when they grow.
3)	Identify the basic needs of humans and animals including pets.
4)	Understand that humans need to exercise.
5)	Identify food groups and explain their importance.
6)	Understand what makes a healthy balanced meal.
7)	Draw conclusions to answer a question.

Scientific skills I am practising

- I can carry out simple comparative tests.
- I can ask simple scientific questions.



Knowledge Organiser

Year Group:

2

Subject:

Science– Animals including humans

Term:

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Key vocabulary

Tier 2

Mammal - mammals include humans and all other animals that are warm-blooded vertebrates with hair.

Survival - the act or fact of living or continuing longer than another person or thing.

Nutrition - the study of food and how it works in your body.

Disease - an abnormal condition that affects the structure or function of part or all of the body and is usually associated with specific signs or symptoms.

Tier 3

Vertebrates - animals that have backbone inside their body.

Non-Vertebrates - animals without a backbone or bony skeleton.

Classify - to group or order in classes. Identify objects that are the same, or similar and grouping them together.