



Knowledge

Why do certain offspring belong to particular animals?	<p>Pattern Seeking</p> <p>Observe which offspring belongs to which animal and why. Notice that the offspring and animal are the same.</p>
Why is Dr Ernest Madu significant?	<p>Research</p> <p>Gather information about the cardiologist and look at how his work has impacted on our understanding and care.</p>
Do animals offspring grow into adults?	<p>Observing over time</p> <p>Observe the changes of offspring and when they might occur.</p>
Can we identify the different food groups?	<p>Identifying and classifying</p> <p>Group the different types of food and explore why they are important.</p>
What happens to humans as they get older?	<p>Research</p> <p>Explore how humans grow as they get older. Consider whether humans grow in proportion. Describe the stages of human development.</p>
What do animals including humans need to survive?	<p>Pattern Seeking / Comparative Testing</p> <p>Think about the basic needs of animals such as eating, drinking and breathing. They will consider how these needs vary between species, then explain the needs of various animals in their own words.</p>
Which habitat belongs to which animal? Why?	<p>Identifying and classifying</p> <p>Learn about different ways in which habitats provide some things that animals need and how animals are bet suited to specific environments.</p>
Which meal provides a balanced diet?	<p>Comparative testing</p> <p>Children explore food groups and meals. Plan and prepare your own balanced and unbalanced diet. Consider the differences and the impacts that would have on the body.</p>
What impact does exercise have on our bodies?	<p>Observing over time</p> <p>Complete a simple exercise routine over a period of time and investigate how the exercise has impacted on our bodies. Consider stamina and heart rate.</p>
How many different ways can we keep our bodies healthy through exercise?	<p>Pattern Seeking/ Comparative testing</p> <p>Explore various exercises and what areas of the body they target. Plan and implement an exercise routine for different parts of the body. After consider the impact it has had on the body and how we need to keep ourselves safe during exercise.</p>



Vocabulary

Offspring	The child of an animals
Adult	A person who is fully grown and non longer a child
Significant	Another word for important
Balanced	When something is equal
Diet	The food and water that humans and animals need
Species	A type of something
Survive	Continuing to exist and live
Habitat	When an animal or human lives
Exercise	A physical activity that keeps your body fit
Healthy	Helping to maintain a good health
Heartbeat	The pulsing of the heart
Nutrition	Food that is necessary for growth
Breathing	The process of taking air into and expelling it from the lungs

Hurst Hill Primary School Knowledge Organiser

Science

Animals including humans

Year 2

Spring 2

Biology

Biology is the science that understands living organisms, including animals and plants.

Animals, including humans

Pupils should be taught to:

- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene