

Medium Plan - Year 2 - Animals including humans

Living things and their habitats	Animals, including humans	Plants	Use of everyday materials
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<b>Vocabulary</b> Habitat offspring adult reproduction water air	survival mouth tongue teeth exercise diet	Hygiene Nutrition Growth Eat food
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**Preload**

- Evolution and inheritance - note how offspring often look similar to parents.

**Teaching Sequence** (to be taught in the following order)

Substantive Knowledge	To know the basic needs of humans.	To know the importance of eating the right amounts of food for humans.	To know the importance of exercise for humans.	To know the importance of hygiene for humans.	To know that humans have offspring that grow into adults.
Additional Information	Keep it simple - food, water, air and shelter.	This does not need to go into the specific amounts of food needed - e.g. calories, specific amounts of each food group - touch on food groups.	Children don't have to understand the impact of exercise on their bodies, but may touch on this with any knowledge they have in discussions - e.g. I know if you go to the gym you get big muscles. Focus on understanding what exercise is.	Focus on children's hygiene activities - washing hands, brushing teeth etc. Make links to other areas needed for humans to be healthy. E.g. - exercise - makes them sweaty - what should they do? Eating sugary sweets - what should they do?	This lesson focuses only on humans. Stick to the main stages of development - baby - toddler - teenager - adult.
Ideas	Identify what is needed and pose the question - 'What happens if there is no...?'	Identify foods as either healthy or unhealthy. - Can they use knowledge to create a healthy packed lunch for school?	Identify activities as exercise or inactive activities.	Children to identify what hygiene habits they have in their daily routine. Investigate if they only do these things at home? (washing hands at school etc.)	Children could bring in baby photos and try and guess which photo is which. Look at how they have changed and how they are similar.
Equipment					

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Identifying, classifying and grouping	Sort items into things that are needed for humans to survive and things that aren't.	Sort foods into healthy and unhealthy food.	Sort activities into exercise/ active and in active.		
Observing over time				Look at images of what happens overtime - e.g. unwashed hands - what is growing? Images of teeth not brushed?	Look at photos of the children as babies and look at how they have changed - what are the similarities and differences?
Pattern seeking		Children try healthy and unhealthy snacks and record data on their favourites.	Children try different forms of exercise and vote for their favourites.		
Comparative and fair testing					
Research					

Substantive Knowledge	To know the basic needs of pets.	To know the basic needs of animals	To know that pets have offspring that grow into adults.	To know that all animals have offspring that grow into adults.
Additional Information	Keep it simple - food, water, air and shelter. - Link to how is the same as humans.	Keep it simple - food, water, air and shelter. - Link to how is the same as humans and pets.	Know that all pets grow from an offspring into an adult - 2 stages. Children should know the names of the offspring of common pets. E.g kitten, puppy.	Know that all animals grow from an offspring into an adult - 2 stages. Children should know the names of the offspring of other animals. E.g kid, calf, tadpole.
Ideas	Children to give advice - on how to care for a pet of their choice.	Children to think about the consequences of what happens if the needs of animals in the wild aren't met.	Children to match the name of the adult and offspring in pets. Children could bring in pictures of their pets and identify if they are offspring or adults. Children to identify the changes in pets over time.	Children to match the name of the adult and offspring in other animals - using a variety of different animal groups.
Equipment				
Identifying, classifying and grouping				

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Observing over time			Look at images of offspring and adults in common pets and identify similarities and differences.
Pattern seeking			Look at images of offspring and adults in wild animals and identify similarities and differences.
Comparative and fair testing			
Research	Research what different pets need to survive. Are the needs of a fish the same as a cat?	Research what different animals in the wild need to survive. Is the shelter for the bird the same as a bear? What happens if the animals' needs aren't met?	