

Year 2—Animals including humans

<u>Unit of work</u>	<u>National Curriculum Objectives</u> ● 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	<u>Working Scientifically</u> Ask simple questions Recognise that questions can be answered in different ways Observe closely, using simple equipment Perform simple tests Identify and classify Record and communicate their findings in a range of ways and begin to use simple scientific language Gather and record data to help answer questions Use their observations and ideas to suggest answers to simple questions Previous vocab plus observe changes over time, notice patterns, secondary sources, hand lenses, egg timers, identify, classify, data,		
<u>Hook/Wow/Scientist</u> <u>Secondary concept</u> Lifestyle– Healthy body and food and nutrition. -	<u>Vocabulary</u> Offspring, basic needs, survival, water, food, air (oxygen) , exercise, food, hygiene	<u>Science Capital Opportunities</u> Zoo keeper Marine biologist Dietician		
<u>Enquiry Types</u>				
Comparative & Fair Testing 	Identifying, classifying & grouping 	Observing over time 	Pattern Seeking 	Research using a secondary resource 
Do bananas make us run faster?	Which offspring belongs to which animal?	How much food and drink do I have over a week?		What food do you need in a healthy diet and why? What do you need to look after a pet dog/ cat/ lizard and keep it healthy?

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Block of Lessons

	Date Objective/Skills	Starter/Talk Opportunities	Explore/Engage/Do	Resources Needed
Lesson 1	Can I identify which animal belongs to which offspring?	https://explorify.uk/en/activities/whats-going-on/unexpected-eggs	Ask the children to name some animals. Look at an adult mammal and compare to a baby mammal. Explain that this is called an offspring. Look at mammals, reptiles, fish, amphibians and birds. Explore how some offsprings look like the adult and some do not. Also explore how some are hatched from eggs. Match up the sort out cards SEN– stick sort out cards in books EN– I noticed that..... Do they look like their adult? Are they hatched from eggs?	Sorting out cards
Lesson 2	Can I find out and describe the basic needs to survive?	https://www.chesterzoo.org/virtual-zoo-2/ Virtual zoo videos	What does survival mean? What do we need to survive? Show the basic needs for survival e.g food, air, shelter, water and sleep. Why do we need these things to survive? https://www.bbc.co.uk/bitesize/topics/z6882hv/articles/zx38wmn Show for a human and an animal of their choice.	5 way poster format
Lesson 3	Can I conduct a fair test?	How can I look after a pet lizard?	Comparative and fair testing– do bananas make us run faster? CHECK ALLERGIES BEFOREHAND!!!! Children run a short distance and time one another using stopwatches– give them a couple of tries. Allow the children to eat some banana and complete the experiment again.	Stopwatches Clipboards

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Lesson 1	Balanced diet	What is your favourite food? What is your least favourite food?	How much food and drink do I have over a week? Make a note down of what the children eat across the week. Look at the findings and discuss what was healthy. Discuss that we need different amounts of different foods e.g protein, carbohydrates, dairy, fats and sugars, fruit and vegetables.	
Lesson 2	Hygiene	https://explorify.uk/en/activities/odd-one-out/fuel-up	Hygiene– what is it? How can we look after ourselves? Brushing teeth, having a shower, eating the right amount of food, exercising etc. Remove germs instructions with glitter– SEE TWINKL PP	
Lesson 3				