

Science

Year 2 – Autumn 2 – Animals including Humans

National Curriculum / End Point Statement					
<p>Animals including Humans</p> <ul style="list-style-type: none"> • 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. <p>Working Scientifically</p> <ul style="list-style-type: none"> • asking simple questions and recognising that they can be answered in different ways • observing closely, using simple equipment • performing simple tests • identifying and classifying • using their observations and ideas to suggest answers to questions • gathering and recording data to help in answering questions. 					
Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5 (TAPS)	Step 6
Reactivate learning from year 1 – what is an animal? How is an animal different to a human? WALT describe animals.	WALT identify the basic needs of animals	WALT explain how a human can keep themselves healthy	WALT describe why exercise is important	WALT use observations and ideas to suggest answers to questions	
In Focus - Question – are humans animals?	In Focus - https://explorify.uk/en/activities/whats-going-on/hostile-world	In Focus – https://explorify.uk/en/activities/odd-one-out/fuel-up	In Focus - https://explorify.uk/en/activities/the-big-question/how-clean-are-your-hands	In Focus - https://explorify.uk/en/activities/odd-one-out/what-is-in-a-handshake (are the hands the same? Are our hands the same?)	
Success Criteria					
I know the names of some animals I can describe the body parts of different animals I can compare humans to other animals and say what is the same and what is different	I know what an animal needs to live I can explain what humans need to survive	I know that animals including humans need water, food and air to survive. I can tell you why animals including humans need water, air and food to survive.	I know that it is important for humans to exercise regularly I know that humans need to eat the right foods I know why it is important that humans keep themselves clean.	I can compare I can suggest answers, using my observations, to questions about hand spans	

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Suggested Outcome					
				Children can make comparisons to say which hands are bigger and smaller. They can suggest reasons for the different results.	

Vocabulary	NC links
Oxygen, Water (new context), Food, Healthy, Diet, Balanced Diet, Hygiene, Lifestyle, Human , Exercise	PSHE PE

Key Learning	
All animals, including humans, have the basic needs of feeding, drinking and breathing that must be satisfied in order to survive. To grow into healthy adults, they also need the right amounts and types of food and exercise. Good hygiene is also important in preventing infections and illnesses.	
Possible Evidence	Common Misconceptions
<ul style="list-style-type: none"> Can state the basic needs of animals, including humans, for survival Can state the importance for humans of exercise, eating the right amounts of different types of food, and hygiene Can name foods in each section of the Eatwell Guide Explain how development and health might be affected by differing conditions and needs being met/not met 	Some children may think: <ul style="list-style-type: none"> respiration is breathing humans and animals are different

Significant People
Florence Nightingale Elizabeth Garrett-Anderson (first British female physician) Steve Irwin Robert Winston

CPD opportunity
https://www.reachoutcpd.com/courses/lower-primary/humans-and-other-animals/

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Useful Links

<https://www.bbc.co.uk/bitesize/topics/z6882hv>

<https://app.discoveryeducation.co.uk/learn/channels/channel/9a7b631d-c0cd-426a-a53a-fe87b2830167>

Animals, including humans

Early learning goal	<ul style="list-style-type: none">• Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes.
Year 1	<ul style="list-style-type: none">• Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.• Identify and name a variety of common animals that are carnivores, herbivores and omnivores.• Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).• Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
Year 2	<ul style="list-style-type: none">• 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.• Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. (Y2 - Living things and their habitats)