



# Science – Animals, including humans (Year 2)

**Outcome:** Outcome: Create a suggested exercise routine/ Investigate washing hands, using glitter gel.

Biology



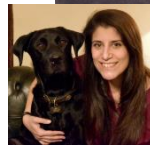
## Prior Knowledge and Skills

Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. (Y2, Animals including humans)
Identify and name a variety of common animals that are carnivores, herbivores and omnivores. (Y2, Animals including humans)
Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). (Y2, Animals including humans)
Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. (Y2, Animals including humans)

## Ideas and inspiration:



Florence Nightingale (Nurse and founder of modern nursing)  
Elizabeth Garrett Anderson (First English woman to qualify as a doctor)  
Daniella Dos Santos (Veterinary Surgeon)



[https://pstt.org.uk/application/files/2416/2851/6697/Veterinary\\_Surgeon - Daniella Dos Santos.pdf](https://pstt.org.uk/application/files/2416/2851/6697/Veterinary_Surgeon_-_Daniella_Dos_Santos.pdf)

## Enquiries:



**Identifying, grouping and classifying**

-Classify based on own criteria...

## Observing over time



-Make observations of body changes during / after exercise.

## Researching



-Research adult animals and their young.

## Vocabulary:

Being born and growing: Young, offspring, live young, grow, develop, change, hatch, lay, fly, crawl, talk.

Young and adult names: e.g. lamb and sheep, kitten and cat, duckling and duck.

Life cycle stages: e.g. baby, toddler, child, teenager, adult; frogspawn, tadpole, froglet, frog.

Survival and staying healthy: basic needs, survive, food, air, exercise, diet, nutrition, healthy, balanced diet, hygiene, germs.

Food groups: fruit and vegetables, proteins, dairy and alternatives, carbohydrates, oil and spreads, fat, salt, sugar.

Previously introduced vocabulary: water.

## Developing Knowledge and Skills

Scientific Knowledge:		Working Towards	Within	Expected	Above
	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.				
Working Scientifically (Skills): Do		Working Towards	Within	Expected	Above
	Perform simple tests.				
Working Scientifically (Skills): Record		Working Towards	Within	Expected	Above
	Gather and record data to help in answering questions.				
Working Scientifically (Skills): Review		Working Towards	Within	Expected	Above
	Use observations and ideas to suggest answers to questions				

## Highlights:

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