

Uplands Manor Primary School - Science Unit Organiser

Science Topic:	Animals, including humans		Year 2	
-----------------------	---------------------------	--	---------------	--

What? (Key Vocabulary)	
Spelling	Definition/Sentence
Pupa	An insect that is about to turn into an adult
Baby	A very young child
Adult	A grown up
Teenager	A person aged between 13 and 19
Toddler	A young child that is just beginning to walk
Child	A young person below the age of 13
Fluids	A liquid
Offspring	A person or animal's child or children
Growth	The process of getting bigger

What? (Key Knowledge)	
Growth	
Growth in animals	<ul style="list-style-type: none"> Animals become older and change as time passes
3 examples of animal growth	Egg > chick > chicken Egg > caterpillar > pupa > butterfly Spawn > tadpole > frog
Example of Human growth	Baby > toddler > child > teenager > adult
Survival	
Things humans and animals need to survive	Water, food, air and shelter

Diagrams and Symbols

<https://www.nhs.uk/live-well/eat-well/the-eatwell-guide/>



Human Survival

Things humans need to be healthy	<ul style="list-style-type: none"> To have a balanced diet of the right amount of different types of food and drink To exercise regularly To be hygienic
What is a balanced diet?	<ul style="list-style-type: none"> See the Eatwell Guide (see diagram) Drink 6-8 cups/glasses of fluids each day
What is regular exercise?	<ul style="list-style-type: none"> Adults need to be active for at least 150 minutes each week Children aged 5 to 16 need to be active for at least 60 minutes each day Children under 5 need 3 hours of activity a day

Recommended Experiments

A minimum of two experiments should take place during this unit of work with one final written outcome linked to one of the scientific enquiry skills and approaches used.

	Observing over time caterpillar eggs in class and taking time lapse photography of their cycle of life
	Investigating the effects of exercise on the body and describing its benefits
	Observing what happens to a tooth left in various types of drinks over a period of time
	Identifying, grouping and classifying adult animals with their offspring

	To maintain daily personal hygiene, you should make sure:
	<ul style="list-style-type: none"> Your hands are washed after you've used the toilet Your private parts are washed every day Your face is washed daily You're fully bathed or showered at least twice a week Your teeth are brushed twice a day
What is good hygiene?	

Builds on: learning in Year 1- Autumn 1 - Unit: Animals, including humans	Learning links	Leads to: learning in Year 3 - Autumn 1 - Unit: Animals, including humans
----------------------------------------------------------------------------------	-----------------------	----------------------------------------------------------------------------------