

Year 2 Science Spring 2 Unit

Animals including Humans 1

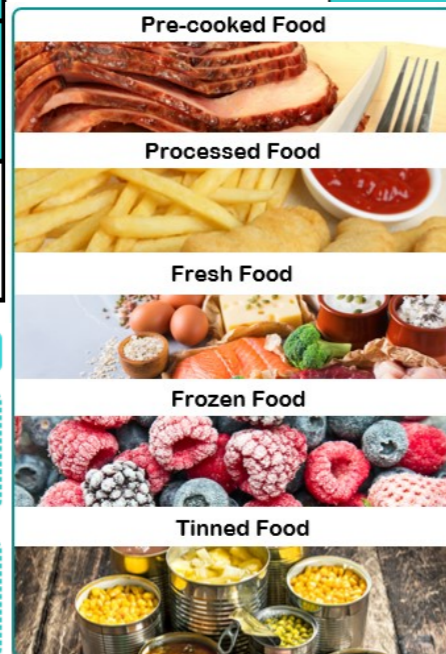
Growth, Health and Survival

Progression of Knowledge

Key Scientific Skills	Year 2 Animals, including humans 1 – Health and survival
Asking simple questions and recognise that they can be answered in different ways	
Observe closely, using simple equipment	
Perform simple tests	
Identify and classify	
Using their observations and ideas to suggest answers to questions	
Gather and record data to help in answering questions	



Unit	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Animals, including humans	<p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)</p> <p>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</p>	<p>Notice that animals, including humans, have offspring which grow into adults</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</p>	<p>Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat</p> <p>Identify that humans and some other animals have skeletons and muscles for support, protection and movement</p>	<p>Describe the simple functions of the basic parts of the digestive system in humans</p> <p>Identify the different types of teeth in humans and their simple functions</p> <p>Construct and interpret a variety of food chains, identifying producers, predators and prey</p>	<p>Describe the changes as humans develop to old age</p>	<p>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</p> <p>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</p> <p>Describe the ways in which nutrients and water are transported within animals, including humans</p>



- #### Lesson Sequence
1. Describe the needs of animals for survival
 2. Describe the needs of humans for survival
 3. Explore the importance of eating the right food
 4. Describe what a healthy, balanced diet looks like
 5. Investigate the impact of exercise on our bodies
 6. Investigate hygiene



Rocket Words

nutrition	food that provides nourishment to live and grow
healthy	being well and fit
protein	a food group, consisting of meat, seafood, eggs, nuts and more, which help the body repair cells
carbohydrate	a food group, including rice, bread and pasta, which give the body energy
dairy	a food group, including cheese, milk and yoghurt, which contains calcium to keeps our bones strong
fat	a food group that are important for energy but only needed in small amounts
exercise	activity requiring physical effort, carried out to improve health and fitness
hygiene	the things you can do to keep yourself and your surroundings clean

Bird in Bush Primary School Science Knowledge Organiser 2023—2024

Knowledge Organiser adapted from the Developing Experts Science Scheme

Each serving (150g) contains

Energy	Fat	Saturates	Sugars	Salt
1046kJ	3.0g	1.3g	34g	0.9g
250kcal	LOW	LOW	HIGH	MED
13%	4%	7%	38%	15%