



Paganel Primary School Curriculum Planning – science

Year 2

Topics:

- Animals including humans
- Use of everyday materials
- Plants
- Living things and their habitats

National Curriculum Skills and Knowledge:

Science	Knowledge and Understanding	Autumn	Spring	Summer	Skills	Autumn	Spring	Summer
Animals including humans	notice that animals, including humans, have offspring which grow into adults describe the importance for humans of exercise,				asking simple questions and recognising that they can be answered in different ways			
	find out about and describe the basic needs of animals, including humans, for survival (water, food and air)				observing closely, using simple equipment			
	eating the right amounts of different types of food, and hygiene				performing simple tests			
Everyday Materials	identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses				identifying and classifying			
	find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching				using their observations and ideas to suggest answers to questions			
Plants	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				gathering and recording data to help in answering questions			
	observe and describe how seeds and bulbs grow into mature plants				asking simple questions and recognising that they can be answered in different ways			
	observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy							
Living things and their habitats	explore and compare the differences between things that are living, dead, and things that have never been alive							
	identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other							
	identify and name a variety of plants and animals in their habitats, including microhabitats							

