

Science Planning 2022-2023

How can I look after myself

Aut 1	Pepper and bread experiments	What do I need to stay alive?	How can I help myself grow?	How would I prepare for a hot holiday and a cold holiday?	What makes a healthy lunch?	What are our senses?
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Light and dark

Aut 2	Shadow making	Animal Habitats A House for a Mouse	Hibernation - A Stormy Night	Which animals are nocturnal?	Migration	Christmas baking
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How to be a good scientist

Spr 1	Why does a test need to be fair	Capacity experiment	Dunking biscuit experiment	Testing the effects of exercise on the body	Egg drop tests	Invisible ink experiments
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Life cycles

Spr 2	To know the names for the offspring of animals	To know what offspring need to grow	To know what is meant by the word lifecycle	To sequence the lifecycle of a hen	To sequence the lifecycle of a frog	What have we remembered about baby animals and life cycles?
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Growing

Sum 1	What happens in spring?	What is a plant? Study parts of a plant Dissect a plant	What does a plant need to grow? Look at seeds and plant sunflowers. food colouring /cress/ caterpillar experiment	Allotment – Planting own veg Grow plants from veg cuttings	How does a plant grow? Bean experiment.	Work on the allotment
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Materials

Sum 2	Naming Materials What is a material? Manmade/natural	Sorting Objects and Materials - variety of everyday materials	Umbrella Investigation – which is the best material	What are minibeasts Name the parts of the animals – head/thorax/abdomen	Explore habitats of minibeasts and observe them.	Encourage minibeasts to live in our school grounds
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