LITTLE LEIGH PRIMARY SCHOOL

Curriculum Map -Science Disciplinary Knowledge - Whole School Overview

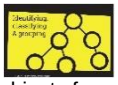

Observing over time


Identifying, classifying and grouping


Pattern seeking


Fair Testing


Research using secondary sources.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	 Classify objects by material.	 Test properties of materials – absorbency of cloths - waterproof	 Look for patterns between people – do people with big hands have big feet?	 Find out what animals eat including talking to experts.	 Observations of change in plants over time.	 Classify leaves, seeds and flowers using characteristics.
Year 2	 Classify materials by property and function.	 Test properties of material – stretchiness for item of clothing.	 Observe animals growing over a period of time. E.g. chicks, caterpillars.	 Explore effect of exercise on their body – patterns in heart rate and exercise.	 Classify objects found in the local environment. Sort into 3 categories.	 Research & plan how to plant seeds & bulbs. Do different plants need the same amount of water to grow?
Year 3	 Research how fossils are formed.	 Devise a test to test the strength of magnets	 Classify foods high or low in nutrients.	 Investigate patterns – can people with longer legs run faster?	 Can describe patterns in visibility of light.	 Observe what happens over time when roots removed.
Year 4	 Classify materials suitable and not suitable for wires.	 Observe water condensing and evaporating over time.	 Measure sounds over different distances.	 Classify animals as herbivore, carnivore or omnivore based on their teeth.	 Research human impact on animals and humans environments.	 Find patterns in how animals and plants behave through the seasons.
Year 5	 Use secondary sources to create a model to show the movement of the Earth around the sun.	 Classify objects based on the effect of friction on a variety of objects.	 Observe non reversible and reversible changes over time.	 Carry out fair testing involving non reversible changes.	 Look for patterns - size of animals and life span.	 Use secondary sources to create a poster depicting changes from young to old.
Year 6	 Carry out fair tests when creating circuits.	 Classify plants and animals, presenting in many ways.	 Use secondary sources to find out how peppered moths changed during the industrial revolution.	 Use models to demonstrate evolution - beak bird activity.	 Observe the behaviour of light – shadows / reflections.	Exploring exercise recovery rate for different people.