

Science - Topic Based Year Plan

Year R	Autumn	Spring	Summer
First Half Term	Ourselves - Body parts	Melting/freezing - changes 3 LP - Materials (building)	Minibeasts - Life-cycles
Second Half Term	Elmer - Animals and Habitats Baby Jesus - Materials (fabric)	Transport - forces/float/sink Growing Plants	Animals & habitats Plants in the environment

Year 1	Autumn	Spring	Summer
First Half Term	<i>Set up longitudinal study (see below)</i> Humans (4)	Everyday Materials linked to Space (6)	How do Plants Grow? (9) Will need to carry over or do 2 sessions a week!
Second Half Term	Pushes and Pulls/forces (7)	Everyday Materials linked to Lighthouse keeper stories (6)	Animals (4)

Year 2	Autumn	Spring	Summer
First Half Term	<i>Set up longitudinal study (see below)</i> Materials, their properties and why we choose materials to do jobs. (castle objects) (6)	Rainforest Animals - Food Chains (5 sessions)	Living Things and their Habitats/How Animals Survive? (16 sessions)
Second Half Term	Humans (Health & Hygiene/Offspring) (5)	Animal life cycles/life time lines (5 sessions)	

Longitudinal Study - to last whole year, MUST provide 25% of science allocation of hours! (8 sessions at least)

(More time will probably spent on this in the Spring/Summer when there are more changes in the environment.)

Year R	How does the hawthorn bush change (what can we observe?) over the seasons and the changing weather?
Year 1	Habitats and how seasons affect them. (8 sessions)
Year 2	Making new plants (8 sessions)