

Woodcocks' Well Science Long Term Plan

Year A	Reception	Year 1 and 2	Year 2 and 3	Year 4 and 5	Year 5 and 6
Autumn 1	Liquids and semi liquids (Slimy things) (Comparative & fair testing) Changing materials (Frozen) (observing over time) Light and dark (Light magic) (Identifying and classifying)	Animals including humans - People and their pets Seasonal changes - Weather art	Everyday materials - Materials matter (y2) Everyday materials - Squash, bend, twist and stretch (y2)	States of matter - States of matter scientists (Y4) Sound - Listen up (Y4)	Properties of materials - Special effects materials Earth and Space - Space!
Autumn 2					
Spring 1	Plants (The Potting Shed) (pattern seeking) (Research) Plants and Animals (Into the woods) (observing over time) (Identifying and classifying)	Everyday materials - brilliant builders comparing materials Plants - Art and Nature	Light - Light and shadows (Y3) Forces and Magnets - Amazing magnets (Y3)	Properties of materials - Music festival materials (Y5) Changes of materials - Changing materials (Y5)	Forces - Welcome to Force land! Living things and their habitats - The classification code
Spring 2					

Summer 1					
Summer 2	Humans and Animals (Pets and vets) <i>(Research)</i> Floating and Sinking (Pirates) <i>(pattern seeking)</i> <i>(Comparative & fair testing)</i>	Everyday materials - Exploring changes Living things and their habitats - Habitats and homes	Plants - Gardens and Allotments (y2) Plants - Artful flowers, fruits and seeds (Y3)	Earth and Space - Space presenters (Y5) Living things and their habitats - Help our Habitats (Y4)	Evolution and inheritance - Survival of the fittest Revision - sensational science.

*Science throughout other years are to be taken from PlanBee units

** Reception Science lessons are to be taken from the scheme Switched on Science (Rising Stars)

The 5 types of scientific enquiry need to be covered at least twice throughout the year.

/

Year B	Reception	Year 1	Year 2 and 3	Year 4 and 5	Year 5 and 6
Autumn 1	Grouping materials (Superhero materials) Sound and Hearing (Sound collectors) Materials (Save the Gingerbread man)	Animals including humans - Amazing Me <i>Comparative and fair testing</i> <i>Identifying and classifying</i> Seasonal changes - Wild Weather <i>Research</i> <i>Observing over time</i> Other curriculum links- art and design	Animals including humans - Healthy animals (Y2) <i>Research</i> <i>Identifying and classifying</i> Other curriculum links- art and design & DT Living things and their Habitats - Habitats (y2) <i>Observing over time</i> <i>Research</i> Other curriculum links- art and design ,DT & Maths	Living things and their habitats - Name that thing (Y4) <i>Identifying and classifying</i> <i>Research</i> <i>Pattern seeking</i> Living things and their habitats - The Art of living <i>Research</i> <i>Pattern seeking</i> <i>Observing over time</i>	Living things and their habitats - Illustrating Life cycles. <i>Research</i> <i>Observing over time</i> Properties of materials - Material consultants <i>Comparative and fair testing</i> <i>Pattern seeking</i> <i>Identifying and classifying</i>
Autumn 2					
Spring 1	Understanding soil (mud glorious mud) Changing Seasons (Food of the seasons)	Everyday materials - Brilliant Builders <i>Comparative and fair testing</i> <i>Identifying and classifying</i> Plants - Growing things <i>Research</i> <i>Pattern Seeking</i>	Rocks - Rocks and fossils (Y3) <i>Comparative and fair testing</i> Animals including humans - Keeping Healthy (Y3) <i>Research</i> <i>Identifying and classifying</i>	Electricity - Its Electric (Y4) <i>Comparative and fair testing</i> Forces - May the force be with you (Y5) <i>Comparative and fair testing</i>	Animals including humans - The human species <i>Research</i> Light - Theatre lighting technicians <i>Comparative and fair testing</i> <i>Observing over time.</i>
Spring 2					

		Observing over time Other curriculum links- art and design	Pattern seeking		
Summer 1	Materials (Socks) Climate changes (Whatever the weather)	Animals including humans - wild and wonderful creatures Pattern seeking	Plants - Ready Steady Grow (Y2) Observing over time Pattern Seeking Comparative and fair testing	Animals including humans- Life explorers (Y5) Identifying and classifying Observing over time	Electricity - Electric Art Pattern seeking Identifying and classifying
Summer 2		Living things and their habitats - Food chains Research	Plants - Roots and Shoots (Y3) Identifying and classifying Pattern seeking	Animals including humans - Excuse me are these your teeth(Y4) Comparative and fair testing	Revision - Medical manoeuvres

*Science throughout other years are to be taken from PlanBee units

** Reception Science lessons are to be taken from the scheme Switched on Science (Rising Stars)