



Alban Wood KS1 Science Curriculum Overview 2015 - 2016

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<u>Animals including humans</u> (human body and senses, sight and light)	<u>Forces</u> (movement, pushes & pulls, stopping)	<u>Everyday materials</u> (objects & materials, properties, grouping materials)	<u>Animals including humans</u> (identify common animals, carni/herbi/omni, structure)	<u>Plants *</u> (identify wild & garden plants, basic structure)	<u>Sound & Hearing</u> (the ear, making and changing sounds, describing)
	Seasonal changes (in animals/materials for clothes/ plants/environment) (coverage 2-3 sessions in each season throughout the year)					
	Surveys, classifying, observing/measuring	Observing, measuring, fair tests	Classifying, observing, fair tests, surveying	Classifying, observing	Classifying, surveying, observing	Surveying, classifying, observing, measuring
Suggested time coverage	½ a term	½ a term	½ a term	½ a term	½ a term	½ a term
Year 2	<u>Animals including humans</u> (basic survival needs, growth cycle baby to adult, health, hygiene, diet)	<u>Uses of everyday materials</u> (identify & compare materials for different uses, shapes of objects can change)	<u>Electricity</u> (electrical objects, safety, basic circuits, types of energy-solar/wind/fossil fuel)	<u>Natural & Man made materials</u> (identify & compare, process of production, suitability, sustainability, environment, recycling)	<u>Living things and their habitats</u> (living/dead/never alive, habitats& micro-habitats, link plants & animals to habitats, food chains)	<u>Plants *</u> (observe & describe seeds/ bulbs-> plants, what do plants need to grow)
	Surveying, classifying	Measuring, observing, classifying, fair test	Surveying, classifying, observing	Surveying, classifying	Classifying, surveys, fair test	Measuring, fair test, observing
Suggested time coverage	½ a term	½ a term	½ a term	½ a term	½ a term	½ a term

**Plant based units are best tackled during Summer terms (or Spring 2/Autumn 1 if necessary) as plants can be grown at home over the Easter holidays if necessary and there will be plenty of plants to observe around the school - avoid coverage during Oct-Feb as learning about seasonal growth is also a key point. Please liaise with Kirsty for use of the garden, where appropriate. **Please ensure ICT is used to record data (microscopes to IAWB, data loggers, iPads etc) and present data (graphs on Excel, branching databases on appropriate software etc.*