SCIENCE WHOLE SCHOOL OVERVIEW

	Cycle 1						Cycle 2					
	Biology						Chemistry				Physics	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Class 1	Seasonal changes - Autumn to Winter	Scientists and inventors	Animals including humans Identify and name basic structure	Seasonal changes – Spring to summer	Everyday materials Names and simple properties	Plants Identify and name basic structure	Seasonal changes - Autumn to Winter	Scientists and inventors	Everyday materials Names and simple properties	Animals including humans Senses	Seasonal changes – Spring to summer	Forces
Class 2	Plants and conditions for growth, sequence of growth	Animals including humans Life processes and interdependence		Different materials and their uses	Sound and light	Animals and habitats Life processes and interdepend-ence	Plants and conditions for growth, sequence of growth	Animals including humans Life processes and interdependence		Different materials and their uses	Sound and light	Animals and their habitats
Class 3	States of matter Changes of state	Plants Growth and functions	Electricity Simple circuits, conductors and insulators		Living things and their habitats Grouping and classifying	Animals inc. humans Digestion and food chains	Sound – vibrations and volume	Forces and magnets, friction	Light Shadows and reflection	Animals and teeth Nutrition and movement (muscles and bones)	Rocks and soils Properties and fossils	
Class 4	Living things and their habitats Classifying and micro-organisms	Electricity Circuit symbols, changing circuits	Earth and Space Earth, sun and moon, day night and year	Properties and changes in materials separation		Animals including humans Health and circulation exercise and nutrients	Evolution and inheritance Variation and adaptation	Light Reflection and how we see, how light travels Sound revision	Forces Air and water resistance, gravity, friction, mechanism.		Living things and their habitats Grouping. Plant re -production	Animals including humans Life cycles