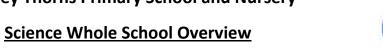
## **Whaley Thorns Primary School and Nursery**





	Biology	Physics	Chemistry
Foundation Year One			
Year One	Animals, including humans (naming animals and body parts)	Seasonal changes (changes and weather)	Everyday materials (names and properties of simple materials)
	Plants (names & structure)		
Year Two	Living things and their habitats (suitable habitats/simple food chains)  Plants (growing conditions for		Uses of everyday materials (Suitability and changing shapes of materials)
	seeds and bulbs)  Animals, including humans (health and growth)		
Year Three	Plants (functions of parts and life cycles)	<b>Light</b> (dark is the absence of light, size of shadows)	Rocks (simple properties, fossils, soils)
	Animals, including humans (skeletons)	Forces and magnets (friction - how things move on different surfaces, magnets)	
Year Four	Living things and their habitats (grouping and simple classifying/changes to habitats can pose dangers)  Animals, including humans (teeth, eating and digestion)	Sound (fainter sounds further away, vibrations, pitch and volume)  Electricity (simple circuit, switches, conductors and insulators)	States of matter (solids, liquids, gases, heating & cooling, water cycle)
Year Five	Living things and their habitats (life cycles, reproduction)  Animals, including humans (changes in humans as they grow)	Forces (gravity, friction, air resistance, levers, pulleys and gears)  Earth and Space (other planets)	Properties and changes of materials (more properties including thermal and electrical conductivity, mixing and separating reversible and irreversible)
Year Six	Animals, including humans (circulatory system, functions of heart, blood vessels and blood, health, water transport in animals)  Living things and their habitats (classifying including microorganisms)	Light (travels in straight lines, how we see things)  Electricity (what affects bulb brightness, buzzer volume, voltage, symbols)	

## Whaley Thorns Primary School and Nursery <u>Science Whole School Overview</u>



Evolution and inheritance	
(more about fossils,	
adaptation)	