

Discrete Provision for Learners with Autism KS3 Curriculum Overview



Subject: Science

Semi- Formal Pathway

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Flora and Fauna of the Oaks Wildlife around the school; habitats; plants; invertebrates; birds; mammals; humans	Earth & Space Earth; Moon; Sun; planets; solar system; stars and constellations; galaxies	States of Matter Solids, liquids and gases; properties of states; non-Newtonian states; changes of state; water cycle	Electricity & magnets Uses of electricity; dangers and safety; batteries and mains; circuits; conductor and insulator; static; magnets and magnetism	The Human Body External features; internal organs; skeleton; organs systems; senses; growth and development	Scientific Enquiry Exploring; testing; investigating; experimenting; measuring; applying.
Year 8	Food & digestion Nutrition; digestion; healthy eating; diet; water; safety.	Light and Sound Light sources; dark and shadows; The Sun; reflections; sound sources; vibrations; types of sound; musical instruments; sense organs	Materials and their properties Properties; comparisons; materials; uses; testing; recycling	Microscopic World Size, magnification, microscope, microbes; prokaryote, eukaryote, multicellular organism	Ecosystems Habitats; adaptations; classification; food chains; food webs	Scientific Enquiry Exploring; testing; investigating; experimenting; measuring; applying

Year 9	Classification Classification of life; environments; habitats; variation.	Acids and Alkalis Hazard symbols and safety; acids and alkalis; properties; pH; indicators; neutralisation	Forces and Energy Pushes, pulls and twists; weight; movement, electrical, light, thermal and sound energy (MELTS)	The Senses Sight; sound; touch; taste; smell; organs; adaptations; reflex	Rocks and Fuels Uses of rock; types of rock; the rock cycle; fossil fuels; greenhouse gases; climate change	Scientific Enquiry Exploring; testing; investigating; experimenting; measuring; applying.
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