

Atlantic Academy

Subject Overview

Subject: Science

	Unit 1		Unit 2		Unit 3/4	
	Autumn 1 - Belonging	Autumn 2 - Heroes	Spring 1 - Spirit of Adventure/ Sense of accomplishment	Spring 2 - Curiosity & Creativity	Summer 1 - Leadership & Responsibility	Summer 2 - Fun & Excitement/ Confidence to take action
Reception	Understanding the World – Science – Beach School	Understanding the World – Science – Seasonal Changes (Autumn), Beach School,	Understanding the World – Science – Seasonal Changes (Winter), Beach School, Healthy Eating	Understanding the World – Science – Solar System and Space, Beach School	Understanding the World – Science – Plants and Life Cycles Predictions changes in matter (Science Week), Spring Walk, Beach School, Habitats, Animals	Understanding the World – Science – Summer Walk
Year 1	The human body Seasonal Changes (Autumn)	Materials	Planting A Animals	Caring for the planet Seasonal Changes (Spring) Planting B Consolidation	Plants Planting C	Growing and Cooking Seasonal Changes (Summer) Consolidation
Year 2	Plants - Bulbs and seeds	Plants - Bulbs and seeds	Plants: light and dark Living things and their habitats	Living things and their habitats Animal needs for survival	Materials	Growing up Humans
Year 3	Skeletons Nutrition and Diet	Rocks	Fossils and soils	Light	Plants	Forces and Magnets
Year 4	Grouping and classifying living things	States of Matter	Sound	Electricity	Habitats	The Digestive System Food Chains
Year 5	Forces	Space	Properties of Materials	Animals inc Humans (last 3	Reproduction	Reversible and irreversible

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			Animals inc Humans (First 2 lessons)	lessons) Life cycles		Changes
Year 6	Living things and their habitats	Electricity	Light	The Circulatory System Diet, drugs and lifestyle	Variation Adaptations	Fossils Transition Lessons
	Unit 1		Unit 2		Units 3 & 4	
Year 7	Cells, tissues, organs and systems The Particle Model Energy Sexual reproduction in animals		Current Electricity Muscles and Bones Mixtures and Separation Forces Acids and alkalis		Ecosystems Atoms, Elements and Compounds Sound Unit 4: plants and reproduction (8B)	
Year 8	Food and Nutrition The Periodic Table Forces and motion Unicellular organisms		Energetics and Pressure Genes and Adaptation Combustion Magnets and Electromagnets Breathing and Respiration		Metals and their Uses Energy transfers Plant growth Rocks Light Unit 4: KS4 Transition	
Year 9	Chemistry Atomic structure and periodic table Bonding, structure and properties of matter Chemical changes		Biology Infection and response Cell biology Organisation		Physics Energy Electricity	
Year 10	Biology Organisation Bioenergetics Chemistry: electrolysis Quantitative chemistry		Physics Atomic Structure Forces		Biology Ecology Homeostasis & response Inheritance	



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	Energy Changes		
Year 11	Chemistry The rate and extent of chemical change Organic chemistry Chemical analysis Atmosphere Using resources	Examination Revision	Examination Revision