



Science - Curriculum Overview

	Autumn		Spring		Summer	
Cubs	Seasonal change, exploration of materials inside and out.		Explore and respond to natural phenomena.		Explore and interact: Seasonal Change	
Nursery	Seasonal change using ALL senses. Explore melting.		Change of growing animals. Planting seeds.		Explore and interact: Seasonal Change	
Reception	Explore the natural world, Light and dark and habitats & animals		Caring for the world & naming familiar plants.		Explore and interact: Seasonal Change	
Year 1	Physics: Seasonal Changes Concept: Change	Chemistry: Everyday Materials Concept: Materials	Biology: Animals Inc. Humans Concept: Function	Physics: Seasonal Change Concept: Change	Biology: Animals, Inc. Humans Concept: Variation	Biology: Plants Concept: Variation
Connecting Concepts	Ask Questions - Observe - Set Up	Measure - Observe - Record	Observe - Report - Evaluate		Ask Questions - Observe - Measure - Record	Ask Questions - Observe - Record
Year 2	Chemistry: Use of Materials Concept: Materials	Working Scientifically: Concept: Materials	Biology: Plants Concept: Growth		Biology: Living Things & Habitats Concept: Variation	Biology: Animals Inc. Humans Concept: Growth
Connecting Concepts	Record - Set Up - Evaluate	Set Up - Measure - Record - Report	Ask Questions - Plan - Observe - Interpret		Ask Questions - Observe - Report	Ask Questions - Observe - Record - Evaluate
Year 3	Biology: Animals Inc. Humans Concept: Function	Chemistry: Rocks Concept: Materials	Physics: Light Concept: Energy		Physics: Forces & Magnets Concept: Forces	Biology: Plants Concept: Function
Connecting Concepts	Observe - Record - Evaluate	Ask Questions - Observe	Plan - Set Up - Evaluate - Interpret		Plan - Measure - Observe - Interpret	Ask Questions - Plan - Measure - Report
Year 4	Biology: Animals Inc. Humans Concept: Function	Physics: Sound Concept: Energy	Chemistry: States of Matter Concept: Materials		Physics: Electricity Concept: Energy	Biology: Living Things & Habitats Concept: Variation
Connecting Concepts	Report - Set Up - Interpret	Ask Questions - Plan - Measure - Report	Observe - Record - Interpret		Plan - Set Up - Interpret - Evaluate	Ask Questions - Observe - Evaluate - Report
Year 5	Physics: Earth & Space Concept: Earth & Space	Physics: Forces Concept: Forces	Chemistry: Properties & Changes of Materials Concept: Materials		Biology: Animals Inc. Humans Concept: Growth	Biology: Living Things & Habitats Concept: Variation
Connecting Concepts	Observe - Ask Questions - Evaluate	Plan - Set Up - Measure - Report	Plan - Measure - Report		Plan - Set Up - Measure - Report	Ask Questions - Observe - Record - Evaluate
Year 6	Biology: Animals, Inc. Humans Concept: Function	Biology: Living Things & Habitats Concept: Variation	Biology: Evolution Concept: Change		Physics: Light Concept: Energy	Physics: Electricity Concept: Energy
Connecting Concepts	Plan - Measure - Interpret - Report	Ask Questions - Report - Evaluate	Ask Questions - Interpret - Report		Set Up - Observe - Measure - Record	Plan - Set Up - Interpret