

LONG LANE SCIENCE PROGRESSION

TOPICS	Year 1	Year2	Year3	Year 4	Year 5	Year 6
Plants	Identify and name basic structure	Conditions for growth Sequence of growth	Conditions for growth Functions of parts Life Cycle			
Living things and habitats		Life Processes Interdependence		Human influence Classification	Life Cycles Reproduction	Classification
Animals inc humans	Identify and name basic structure Senses	Life Cycle and basic needs	Nutrition Movement	Digestion Food Chains	Human Lifecycle	Circulation Health
Evolution and inheritance						Variation Adaptation Evolution
Rocks			Properties Fossils	Properties Fossils		
Materials and properties	Name Simple properties	Materials and their uses.		States of matter Changing state	Properties Separation Reversible and irreversible reactions	
Seasonal Changes	4 seasons					
Light			Light Sources Shadows Reflection			Shadows Reflection and how we see How light travels
Electricity				Simple Circuits Conductors and insulators		Symbolic representation of components Changing circuits
Sound				Properties How sound travels Patterns between volume and vibration strength		
Earth and Space					Earth, Sun and Moon Day, Night and Year Planets	
Forces and Magnets			Magnets and Friction		Air and water resistance Gravity Mechanisms	

Early Learning Goal: Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur and talk about changes.