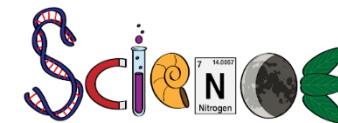




Lea Endowed Church of England Primary School
SCIENCE Subject Progression
PROGRESSION OF KNOWLEDGE



	Rec	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
BIOLOGY	PLANTS Explore plants in the surrounding natural environment	PLANTS Name basic parts Identify common plants	PLANTS Seed/bulb grow into plants What plants need	PLANTS Function of parts How water is transported Life cycle of plants			
	LIVING THINGS AND THEIR HABITATS Describe different habitats Explore the surrounding and contrasting natural environment		LIVING THINGS AND THEIR HABITATS Living and dead Describe habitats Basic food chains		LIVING THINGS AND THEIR HABITATS Group living things Use classification keys Changes in environment	LIVING THINGS AND THEIR HABITATS Life cycles of animals Reproduction in plants and animals	LIVING THINGS AND THEIR HABITATS Classification including micro-organisms, plants and animals
	ANIMALS, INC. HUMANS Name and describe animals Describe familiar people Learn about how to take care of themselves	ANIMALS, INC. HUMANS Common animals Carnivores, herbivores, omnivores	ANIMALS, INC. HUMANS Offspring Survival Exercise and food hygiene	ANIMALS, INC. HUMANS Nutrition Skeletons and muscles	ANIMALS, INC. HUMANS Human digestive system Teeth Food chains	ANIMALS, INC. HUMANS How humans change with age	ANIMALS, INC. HUMANS Human circulatory system Exercise, drugs and lifestyle
CHEMISTRY	EVERYDAY MATERIALS Explore a range of materials Make objects from different materials Observe, measure and record how materials change when heated and cold Compare how materials change over time			ROCKS Group different rocks Rock formation Fossils			EVOLUTION AND INHERITANCE Fossils Offspring different to parents Animal adaptation
		EVERYDAY MATERIALS Name, describe and sort everyday materials	EVERYDAY MATERIALS Uses of materials Changing shape of materials		STATES OF MATTER Solids, liquids, gases Changes of state Evaporation and condensation Water Cycle	PROPERTIES AND CHANGES OF MATERIALS Classify materials Dissolve, separating, filtering Reversible and irreversible changes	
PHYSICS	LIGHT Explore shadows Explore rainbows			LIGHT Need for light to see Size of shadows			LIGHT Light travels in straight lines How light enables us to see Shape of shadows
	SOUND Listen to sounds and identify the source Make sounds				SOUND Vibrations Pitch and volume of sound Distance of sound		
	FORCES Explore how to change how things work Explore how objects move with wind and in water			FORCES (AND MAGNETS) Compare different surfaces Magnets		FORCES Gravity Air and water resistance Levers, pulleys and gears	
	SEASONAL CHANGES Explore outside in all seasons Observe living things throughout the year Learn about space	SEASONAL CHANGES Changes across seasons Weather and day length				EARTH AND SPACE Movements of Earth, Moon, planets Spherical bodies Night and day	
				ELECTRICITY Simple circuits Switches Conductors and insulators		ELECTRICITY Circuit symbols Bulb brightness Buzzer volume Variations in function	