SCIENCE CURRICULUM ROAD MAP

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
MATERIALS	Know what an object is and what it's made from describing simple properties and grouping based on properties	Suitability of a material based on properties, shapes of solids can be changed		Group according to solids, liquids and gases, temperature can change state, water cycle	Group based on more complex properties, substance and solution, separate solids, liquids and gases, reversible and irreversible changes	
PLANTS	Identifying and naming common plants and trees and their key parts	Knowing what bulbs and seeds need to grow and observing the changes as they grow	Know the parts and functions of trees and flowers, what the need to grow well in more detail (nutrients, space etc.). Life cycle of a plant			
ANIMALS INCLUDING HUMANS	Herbivores/ carnivores, structure of animals, basic parts of human body and senses	Offspring grow into adults, basic needs, importance of exercise	Right type of nutrition, skeleton/muscles	Digestive system, teeth, food chains	How humans change from conception to old age	Circulatory system, lifestyles, and health, how nutrients are transported around the body
LIVING THINGS & THEIR HABITAT		Living, dead, never alive, name animals, habitats and why these habitats, food chain		Group living things in different ways, use classification keys, environments can change	Life cycles of different animals, animal/plant reproduction	Classify living things into broad groups, give reasons for classification
LIGHT			Need light to see, light is reflected from surfaces, how shadows are formed and how they change size			Light travels in straight lines, how we see objects, why shadows are shaped as they are
FORCES & MAGNETS			Friction, magnetic property, magnetic forces, magnetic poles		Gravity, air and water resistance, levers, pulleys, and gears	
ROCKS			Rocks			
SOUND				Sound		
ELECTRICITY				Simple circuit naming parts, naming electrical appliances		Associate brightness with voltage/number of cells, give reasons for variation in components function (brightness/volume) read and write using standard electrical symbols
EARTH & SPACE					Earth and space	
EVOLUTION & INHERITANCE						Evolution and inheritance

YEAR 1

YEAR 2

YEAR 3

YEAR 4

YEAR 5

YEAR 6