Progression in the Science Curriculum

Year 1	Year 2	Year3	Year 4	Year 5	Year 6
Working scientifically	**Working scientifically**	**Working scientifically**	**Working Scientifically**	**Working scientifically**	**Working scientifically**
	Living things and their habitats Living and dead, describe habitats, basic food chains		**Living things and their habitats** Group living things, use classification keys. Change in environment can threaten life	**Living things and their habitats** Animal - different life cycles, reproduction in plants and animals	**Living things and their habitats** Classifications including microorganisms, plants and animals.
Plants Name basic parts—identify common plants	**Plants** Seed/bulb grow into plants. What plants need	**Plants** Function - including how water is transported Life cycle of plants			
Animals, including humans Name common animals Name carnivores, herbivores, omnivores	**Animals, including humans** Animals have offspring, basic needs for survival. Importance of exercise, food hygiene.	**Animals, including humans** Need for right amount of nutrition Skeletons and muscles	**Animals, including humans** Basic function of digestive system. Teeth. Food chains	**Animals, including humans** How humans change with age	**Animals, including humans** Human circulatory system. Exercise, drugs and lifestyle.
		Rocks Group different rocks, how they are formed Fossils			**Evolution and inheritance** Fossil Offspring different to parents. Animal adaptation—Evolution
Everyday materials Name. Describe and sort everyday materials	**Uses of every day materials** Uses of materials Changing shape of materials		**States of matter** Solids, Liquids, gases Change state, Evaporation/condensation	**Properties and changes of materials** Dissolve, separating, reversible changes. Change that produce new materials.	
		Light Need for light to see. How shadows are formed - size.	**Sound** How sound is made, travels. Pitch and volume		**Light** Travels in straight lines, How light enables us to see. How shadows are formed - shape
		Forces and magnets Compare different surfaces. Magnets		**Forces** Gravity, air/water resistance, friction. Levers, pulleys and gears	
Seasonal Changes Observe weather and changes across seasons				**Earth and Space** Movement Earth, planets & moon. Night and day	
			Electricity Simple circuits, Switches Conductors and insulators		**Electricity** brightness of lamp, volume of buzzer. symbols circuit diagrams.