National Curriculum: Primary Science (September 2013)

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.