

CLASS 1	CLASS 2	CLASS 3	CLASS 4	CLASS5
Y1: plants , ID common plants , deciduous/evergreen trees, basic structure	Y1: plants , ID common plants , deciduous/evergreen trees, basic structure Y2: plants , seeds & bulbs, what plants need	Y3: plants , function of parts, requirement, water transportation, lifecycle	(Y4: <i>grouping, classifying and environmental effects</i>) (Y5: <i>life process of reproduction in some plants</i>)	(Y6: <i>plant classification, plant adaptation>evolution</i>)
Y1: animals including humans , ID & name common animals, carnivores, herbivores, omnivores	Y1: animals including humans , ID & name common animals, carnivores, herbivores, omnivores Y2: Animals including humans , offspring, adults, basic needs, food, exercise, hygiene	Y3: Animals including humans , right types & amount of nutrition, skeletons and muscles	Y4: Animals including humans , human digestive system, teeth & their function, food chains	Y5: Animals including humans , describe the changes as humans develop to old age. Y6: Animals including humans , human circulatory system, impact of diet, exercise, drugs and lifestyle, ways nutrients and water are transported within animals
	Y2: Living things and their habitats , alive/dead/never alive, habitats, id plants & animals, food chains		Y4: Living things and their habitats , grouping, classifying, changing environments Y5 B: Living things and their habitats , describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird, describe the life process of reproduction in some plants and animals.	Y6: Living things and their habitats , classifying living things
				Y6: Evolution & inheritance evolution & evidence, variation, adaptation
Y1: Everyday materials , object vs material, ID, describe, cf & group variety of everyday materials	Y1: Uses of everyday materials , object vs material, ID, describe, cf & group variety of everyday materials Y2: Everyday materials , ID and cf, malleability	Y3: Rocks cf, group. Fossils. Soil Y4: States of matter solid, liquid, gas, changing states, water cycle		Y5: Properties and changes of materials cf, group, based on properties, solubility, separation, reversible / irreversible changes, materials uses according to properties
Y1: Seasonal changes	Y1: Seasonal changes	Y3: Light to see, reflection, dangers, shadows, effects on shadow size	Y5: Earth & Space , movement of Earth, planets & Sun; movements of Earth & Moon, day & night	Y6 P: Light , how it travels why we see objects, shadows shapes
		Y3: Forces and Magnets cf movements on surfaces, contact & non-contact forces, attract & repel, magnetic poles, classify	Y5: Forces , gravity, friction, resistance, levers & pulleys	
			Y4: Sound how? Vibration, travel, pitch, volume, distance	
		Y4: Electricity electrical appliances, circuits, switches, conductors, insulators		Y6: Electricity voltage, function of components, symbols
KS1 Working Scientifically		Lower KS2 Working Scientifically		Upper KS2 Working Scientifically
simple tests, simple equipment		simple practical enquiries, comparative and fair tests, range of equipment ... data loggers, thermometers Accurate measurements, standard units		planning different types of scientific enquiries recognising and controlling variables where necessary measurements, range of scientific equipment, increasing accuracy and precision, repeat readings when appropriate
use observations and ideas to suggest answers to questions		use results to draw simple conclusions, make predictions for new values, suggest improvements, raise further questions Use straightforward scientific evidence...to support findings		use test results to make predictions to set up further comparative and fair tests Identify scientific evidence used to support or refute ideas or arguments