

SCIENCE – LONG TERM CURRICULUM PLAN – EYFS/KEY STAGE ONE TOPIC YEAR 1 (2 year rolling programme)					
Term One Sept - Oct	Term Two Nov – Dec	Term Three Jan – Feb	Term Four March – April	Term Five May – June	Term Six June – July
Amazing Me My Body	Wild Weather Yr 1 & Yr 2 Seasonal Changes	Brilliant Builders Yr 1 Everyday materials Yr 2 Uses of everyday materials with a focus on uses of materials including building	Growing Things Yr 1 & Yr 2 Plants with a focus on needs on plants and growth.	Wild & Wonderful Creatures Yr 1 and Yr 2 Animals including humans with a focus on wild animals/fish	Food Chains Yr 1 Living things and their habitats with a focus on food chains.
Scientific Vocabulary					
Basic body parts senses-touch, sight, smell, taste, hear Pattern, measure, predict, describe, compare, similar, different A range of different types of food including different fruit, vegetables, bread, rice, dairy, sugar, meat, fish, eggs and beans	Different types of weather-rain, snow, storm, thunder, lightning, cloudy, warm, cold Forecast Autumn, Winter, Spring, Summer Day, night, shadow Rainfall, data, wind, direction,	Wood, metal, plastic, glass, rock Materials, properties, rough/smooth, flat/bumpy, sharp/blunt, transparent useful, magnetic	The names of a range of common flowering plants and trees. Plant, weed, grow, leaf, root, stem, petal, seed, seed coat Germination, warmth, light, water, dry, moist, wet, growth,	Different animal groups-birds, fish, mammals, reptiles, amphibians, invertebrates, humans Carnivores, herbivores, omnivores Survival, water, food, air, breathing Habitat Offspring, babies, adults	Food chain, predator, dependence Dead, alive Different habitats e.g. rainforest, tundra, savannah, arctic

SCIENCE – LONG TERM CURRICULUM PLAN – EYFS/KEY STAGE ONE TOPIC YEAR 2 (2 year rolling programme)					
Term One Sept - Oct	Term Two Nov – Dec	Term Three Jan – Feb	Term Four March – April	Term Five May – June	Term Six June – July
People and their Pets Animal Growth	Weather Art Weather investigation, data handling and computing	Exploring Changes Changing Materials	Art and Nature Identification of plants and trees	Food chains Diverse habitats & food chains	Super Scientists Germs
Scientific Vocabulary					
Patterns, behaviour, habitat, notice, living things, damp, shady, dry observation, prediction, explore, investigate, observe Different animal groups-mammals, birds, reptiles, amphibians, invertebrates, fish Group, similar, different	Different types of weather such as rain, snow, storm, wind, sun, warm, cold Forecast Seasons, Summer, Autumn, Winter, Spring Wind, strength, direction Light source Day/night, shadow, shadow length, change, light, dark	Observe, materials, properties Water, ice, melts, frozen Waterproof, strong, resist, absorb	Plant, leaf, roots, stem, flower, trunk, bark grow, weed, change, living, water, healthy, similar, different Seed, bean, nutrients, warmth, Deciduous, evergreen	Growth, germination, habitat, mini beast, edible Harvest, allotment, produce, soil	Invention, scientist, spread, germs, diseases, bacteria, clean, soap, handwashing, vaccine, Newton, Edison, Florence Nightingale, Joseph Lister, Alexander Fleming

SCIENCE – LONG TERM CURRICULUM PLAN – KEY STAGE TWO
YEAR ONE - (2 year rolling programme)

Term One	Term Two	Term Three	Term Four	Term Five	Term Six
Sept - Oct	Nov – Dec	Jan – Feb	March – April	May – June	June – July
Health & Movement (Y3) Healthy Bodies (Y6)	States of matter	Earth & Space	Light & Shadow (Y3) Seeing Light (Y6)	Living in Environments (Y4) Life Cycles (Y6)	Evolution & Inheritance
Vocabulary					
nutrition, growth, energy, proteins, starches, fats, sugars, balanced, dietary, skeleton, internal organs, vertebrates, backbone, muscles, cardiac, skeletal, flexors & extensors, disease, James Lind, carbohydrates, scurvy, minerals, circulatory system, heart, lungs, lifestyles, drug, illegal, legal	liquid, solid, gas, mass, properties, particles, degrees centigrade, melting point, evaporation, cooling, condensation, water cycle	Sun, Earth, moon, spherical, orbit, rotation, times zones, axis seasons, lunar month, solar eclipse, geocentric, heliocentric, galaxy, Milky Way, terrestrial, gas giant, ice giant planets,	light, natural, man-made, light source, rotates, blocked, transparent, translucent, opaque, reflected, reflected, straight, surface, periscope, angle of reflection	classify, organisms, vertebrates, mammals, birds, insects, fish, reptiles, amphibians, annelids, crustaceans, arachnids, echinoderms, molluscs, deforestation, petal, anther, carpel, filament, ovary, stamen, stigma, sepal, style, asexual reproduction, hermaphrodites, naturalist	offspring, identical, inherited, variation, generation, adapted, advantageous, disadvantageous, evolution, Darwin's theory of evolution, natural selection, mutations, palaeontology, evolutionary

SCIENCE – LONG TERM CURRICULUM PLAN – KEY STAGE TWO

Year 2 (2 year rolling programme)

Term One	Term Two	Term Three	Term Four	Term Five	Term Six
Sept - Oct	Nov – Dec	Jan – Feb	March – April	May – June	June – July
Eating & Digestion	Forces & Magnets (Y3) Forces in Action (Y5)	Rocks, Fossils & Soils	Properties & Changes in Materials	Classifying Organisms	Circuits & Conductors (Y4) Changing Circuits (Y6)
Scientific vocabulary					
herbivores, carnivores, omnivores, food chains, producers, consumers, canines, incisors, molars, roots, gums, milk teeth, decay, digestive system,	push, pull, force metre, newtons, gravity, magnetism, north pole, south pole, gravitational force, friction, resistance, air resistance, water resistance, pulleys levels, gears, transmission, follower gear, driver gear, torque, worm gears, rack gears, bevel gears	minerals, erosion, pedologist, horizon, clay, sand, silt, igneous rock, sedimentary rock, metamorphic rock, rock cycle, petrified, fossil, palaeontologist	solution, float, sink, dissolve, react, reversible change, filtering, irreversible, substance, magnetic, conductive, soluble, flexible	myriapod, vascular, non-vascular, Carl Linnaeus, Father of Taxonomy, Linnaeus System, kingdom, phylum, class, order, family, genus, species, microorganism, kingdoms of protists, bacteria, fungi	atoms, static electricity, current electricity, battery-powered, mains electricity, appliance, insulators, switches, circuit, volt, component, battery, motor, series circuit, parallel circuit, conventional symbols