

Churchfield CE Primary Academy: curriculum map

Year Group	Reception	1	2	3	4	5	6
Science Understanding the World - EYFS Working Scientifically goes through all areas Assertive Mentoring SOW	Understanding the World Senses- favourite smell/taste etc. Difference in appearance	Seasonal changes Lengths of days and nights Weather Compare summer and winter	Animals including Humans Animal habitats Animal offspring	Rocks Soil and rocks formation Fossils Comparing rocks	Animals including Humans Teeth Digestive system	Animals including Humans Changes from birth to 10 years old Changes in old age Changes during puberty	Animals including Humans Circularity system Effects of smoking, alcohol and exercise
	Understanding the World Light/Dark Shadows Ice- freezing/melting	Everyday Materials Common objects and materials	Everyday Materials Grouping materials Metal, plastic, wood, rubber, glass Changing shapes	Plants Parts of a plant and the functions How plants grow	Electricity	Earth and Space Solar system Orbits of moon and planets Night and day Apparent movement of the sun	Evolution and Inheritance Adaptation Fossils Mary Anning Charles Darwin
	Understanding the World Ice- freezing/melting	Animals including Humans Common birds and mammals Farm and zoo animals Carnivores and herbivores Invertebrates, reptiles and amphibians	Living Things and their habitats Living and dead organisms Garden food chains	Plants Pollination Seeds and seed dispersal	Living Things and their habitats Use of keys Flowering and non-flowering plants Invertebrates Impact of Pollution	Properties and changes of Materials Soluble and insoluble substances Reversible and irreversible changes	Living Things and their habitats Animal classification Vertebrates and invertebrates
	Understanding the World Plant comparisons Sowing seeds Observational drawings of plants	Plants Structures of trees and plants Names of common trees and flowers Types of tree Parts of a tree Vegetables	Plants Life cycles How flowers and trees grow	Animals including Humans Bones and skeletons Muscles Parts of a balanced diet	States of Matter Solids Liquids and Gasses Changes of state in liquids and solids	Living Things and their habitats Life-cycles of insects, birds, mammals (including humans), amphibians and plants. Sexual and asexual reproduction. Pollination	Light Light rays How we see Reflections
	Understanding the World Growth and decay	Animals including Humans Parts of bodies – humans, animals, fish Classification of common animals and invertebrates	Animals including Humans Healthy and balanced diets Exercise and hygiene	Light How we see Shadows Changes in shadows	Sound Vibrations Sounds waves Sound insulation Pitch and volume	Forces Gravity Friction Air resistance Water resistance Acceleration Levers and gears	Electricity Symbols in circuits Building and drawing circuits Role of cells in circuits
	Understanding the World Textures in beach materials Boats- forces Gravity-Rockets	Everyday Materials Investigate an classify materials	Living Things and their habitats Exploring micro-habitats	Forces and Magnets Magnetic materials Poles Attracting and repelling	Electricity Uses of electricity Circuits Safety Conductors and insulators	Properties and changes of Materials Transparency Conductivity Reactions	Living Things and their habitats Animal classification Vertebrates and invertebrates