

West Walker Primary School Science Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y1	Autumn and Winter Seasons, sun and shadows The weather Plants and trees	Animals The human body Birds The senses	Winter and Spring The weather Animals in Winter	Plants Flowers, seeds, germination Trees	Spring and Summer Animals, birds The seasons Weather Shadows	Everyday Materials Properties Forces Magnets
Y2	Living Things Similarities and differences Basic needs of plants Health, exercise, diet The senses	Animals Life Cycles Basic needs of animals and humans Food and diet Hygiene, exercise Teeth	Plants Parts of a plant Pollination Sources of food Needs of plants and animals Trees and leaves	Habitats Insects and invertebrates Birds Pond Life Food chains	Everyday Materials Natural and man made Properties: insulation, flexibility Soil Changes	Everyday Materials Properties: stretching, twisting Forces How materials have been developed
Y3	Forces and Magnets Pushes, pulls, twists Friction Gravity Springs Use of magnets	Animals Food, diet, exercise Herbivores, carnivores, omnivores Digestion Circulation Teeth	Light Sources Reflection Sun and shadows Materials and properties Colour	Plants Parts and functions Food and growth Pollination and seed dispersal Germination Habitats	Rocks Properties, types, characteristics Fossils Earth, erosion, volcanoes Soil	Animals Skeleton, names of bones Organs Animals: skeletons, muscles Movement
Y4	Living Things Similarities and Differences Classification keys Changing environments	Animals Healthy teeth and diet The digestive system	Sound Sources Vibration, volume and pitch Distance	Animals Habitats Food chains : Producers, consumers Survival and adaptation	States of Matter Solids, liquids, gases Temperature Evaporation and condensation The Water Cycle	Electricity Circuits, buzzers, motors Switches Conductors, insulators Bulbs and brightness
Y5	Animals Life Cycles Reproduction Dinosaurs Camouflage	Properties of Materials Solids, liquids, gases Properties Thermal conductivity Separating materials Evaporation	Earth and Space Movement of the earth, moon and sun Phases of the moon The planets, stars and Solar System	Living Things Plants and flowers Pollination and seed dispersal Plant reproduction Garden plants Vegetable plots	Properties of Materials Reversible and irreversible changes Rusting Effects of temperature Polymers, plastics	Forces Magnets Gravity Parachutes Air, water resistance Friction Levers
Y6	Living Things Classification Bacteria and viruses Evolution and Inheritance Fossils Adaptation	Animals Healthy diet Digestive, circulatory, respiratory System Major organs and functions Invertebrates	Light Transparent, translucent, opaque The eye Mirrors and reflection Forces Shadows	Electricity Circuits, switches, bulbs Batteries Brightness, quality Generating electricity	Evolution and Inheritance Characteristics Species Adaptations Natural selection Competition and survival Technology	Animals Digestion, healthy diet and nutrition Food groups Exercise and fitness Lifestyle choices