



Weddington Primary School – Science Overview 2025-2026

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<p>All about me Senses, cooking, celebrations (The senses, unwell, well, Food, drink, teeth, brushing, healthy)</p>		<p>Changes, Cooking and animals (Weather, seasons, rough, smooth, shiny, hard, animal, changes.)</p>		<p>Growing Cooking, life cycle (butterflies) (animal)</p>	
Year 1	<p>Everyday materials (soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through)</p>	<p>Seasonal changes – Autumn - Winter (Started) (weather, sunny, rainy, raining, shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, winter, summer, spring, autumn, sun, sunrise, sunset, day length)</p>	<p>Plants Seasonal Changes Winter - Spring (Cont) (Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud)</p>		<p>Animals including humans Seasonal Changes Spring - Summer (Cont) (Senses, herbivores, omnivores, carnivores, fish, amphibians, reptiles, mammals, Senses, herbivores, omnivores, carnivores, fish, amphibians, reptiles, mammals) (weather, sunny, rainy, raining, shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, winter, summer, spring, autumn, sun, sunrise, sunset, day length)</p>	
Year 2	<p>Use of everyday materials (opaque, transparent and translucent, reflective, non-reflective, flexible, rigid. Shape, push/pushin, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching)</p>	<p>Animals life cycles (healthy animals including humans) (offspring, reproduction, growth, survive, survival, water food, air, exercise, heartbeat, breathing, hygiene, germs, disease, food types (e.g. meat, fish, vegetables, bread, rice, pasta, dairy)</p>	<p>Animals life cycles (habitats) (living, dead, never been alive, suited, suitable, basic needs, food chain, shelter, survive, survival, names of local habitats (e.g. pond, woodland etc.), names of micro-habitats (e.g. under logs, in bushes etc.), conditions, light, dark, shady, sunny, wet, damp, dry, hot, cold)</p>	<p>Plants (light, shade, Sun, warm, cool, water, space, grow, healthy, bulb, germinate, shoot, seedling)</p>	<p>Habitats (Gardens and allotments) (living, dead, never been alive, suited, suitable, basic needs, food chain, shelter, survive, survival, names of local habitats (e.g. pond, woodland etc.), names of micro-habitats (e.g. under logs, in bushes etc.), conditions, light, dark, shady, sunny, wet, damp, dry, hot, cold, sources of food, food chain.)</p>	

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Year 3	<p><u>Forces & magnets</u> (Attract, repel, poles, force, gravity, magnetic, friction, metal)</p>	<p><u>Light</u> (Light, dark, sources of light, reflection/reflected, shadows, opaque, sun, moon,)</p>	<p><u>Animals including humans</u> <u>(Keeping healthy)</u> (Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine)</p>	<p><u>Rocks & fossils</u> (rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, fossil, bone, flesh, minerals, marble, chalk, granite, sandstone, slate, soil, types of soil (e.g. peaty, sandy, chalk, clay))</p>	<p><u>Plants</u> (life, growth, naming and function of parts) (photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal), air, nutrients, minerals, soil, absorb, transport)</p>	<p><u>Plants</u> <u>(flowers, pollination and seeds)</u> (photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal), air, nutrients, minerals, soil, absorb, transport)</p>
Year 4	<p><u>Living things and their habitats</u> (Classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate) (Classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate)</p>	<p><u>Electricity</u> (Electricity, electrical appliances/devices, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect, connections, loose connection, short circuit, crocodile clips, bulbs, switch, buzzer, motor, conduction, insulator, metal, non-metal, symbol)</p>	<p><u>Living things (teeth)</u> (mouth, teeth, saliva, incisor, canine, molar, premolars)</p>	<p><u>Sound</u> (Source, vibrate, vibration, travel, pitch, high/low volume, faint, loud)</p>	<p><u>States of matter</u> (solid, liquid, gas, heating, cooling, state change, melting, freezing, melting point, boiling, boiling point, evaporation, condensation, temperature, water cycle)</p>	<p><u>Animals including humans</u> (digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, incisor, canine, molar, premolars, herbivore, carnivore, omnivore, producer, predator, prey, food chain)</p>
Year 5	<p><u>Properties & changes of materials</u> (Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change) (Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change.)</p>		<p><u>Forces</u> (Force, gravity, air resistance, water resistance, friction, mechanisms, levers, pulleys, gears)</p>	<p><u>Earth & space</u> (Names of all planets, spherical, Solar System, rotate, star, orbit.)</p>	<p><u>Living things and their lifecycles</u> (Life cycle, changes, off-spring, reproduction,)</p>	<p><u>Animals including humans</u> (Life cycle, changes, off-spring, reproduction,)</p>
Year 6	<p><u>Evolution & inheritance</u> (offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species,</p>	<p><u>Electricity</u> (Circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage)</p>	<p><u>Light</u> (Light, plus straight lines, light rays, opaque, sources of light, moon, sun, shadows, reflection/reflected.)</p>	<p><u>Animals including humans</u> (diet, exercise, drugs, lifestyle and health, circulatory system, heart, blood vessels, blood, nutrients)</p>	<p><u>Living things and their habitats</u> (vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, warm-</p>	<p><u>Consolidation</u></p>

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	fossils, evolve, evolution)				blooded, cold-blooded, insects, spiders, snails, worms, flowering, non-flowering, mosses, ferns, conifers, micro-organisms, virus, bacteria.)	
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