

Kingsfield First School



Science Vocabulary Nursery - Y 4



Nursery Substantive and Disciplinary

touch, feel, see, hear, taste, plants (and parts), seeds, animals (and names of different animals), birth, grow, materials, food, drink, healthy, teeth, tooth brush, tooth paste, exercise, materials, family, names of family members (such as Grandmother, Aunty, Brother etc), push pull

same. similar, different, difference

Reception Substantive and Disciplinary

health, exercise, healthy eating, teeth, tooth brush, tooth paste, sleep, road safety, spring, summer, autumn, winter, cold, warm, sun, snow, rain, Biddulph, town, city, countryside

same. similar, different, difference

KS1 Cycle A

Vocabulary	Vocabulary	Vocabulary	Vocabulary
<u>Everyday Materials</u> Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, flexible, bendy	<u>Seasonal Changes</u> Summer, Spring, Autumn, Winter, season, sun, day, moon, night, light, dark, rain, wind, snow, frost, sleet, fog, cloud(y)	<u>Animals Including Humans</u> Fish, reptiles, mammals, birds, amphibians (+ examples of each), herbivore, carnivore, omnivore, head, ear, eye, mouth, nose, leg, knee, arm, elbow, back, neck, face, teeth, hair, wings, beak	<u>Plants</u> Trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem
<u>Working Scientifically</u> Comparative/Fair testing, Research, Observation Over Time, Identifying Grouping and Classifying, Problem Solving, investigate, question, predict, answer, results, record, identify, compare, observe, group, sort, classify, equipment			

KS1 Cycle B

Vocabulary	Vocabulary	Vocabulary	Vocabulary
<p><u>Animals Including Humans</u> Offspring, reproduction, growth, child, offspring, young/old stages exercise, heartbeat, breathing, air, oxygen, hygiene, germs, disease, food types (examples - meat, fish, vegetables, bread, rice, pasta)</p>	<p><u>Plants</u> Trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem light, shade, sun, warm, cool, water, grow, healthy, germinate</p>	<p><u>Living Things and Their Habitats</u> Living, dead, never been alive, suited, suitable, basic needs, food, food chain, prey, predator, shelter, move, feed, habitats, microhabitats</p>	<p><u>Everyday Materials</u> Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, flexible, reflective, non-reflective, flexible, rigid, shape, push/pushing, pull/puling, twist/twisting, squash/squashing, bend/bending, stretch/stretching</p>
<p><u>Working Scientifically</u> Comparative/Fair testing, Research, Observation Over Time, Identifying Grouping and Classifying, Problem Solving, investigate, question, predict, answer, results, record, identify, compare, observe, group, sort, classify, equipment</p>			

KS2 Cycle A

Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary
<p><u>Rocks</u> Rock, stone, pebble, boulder, permeable, impermeable, sedimentary, igneous, grain, crystals, layers, metamorphic, texture, hard, soft, sandstone, fossil, marble, chalk, granite, slate, soil, peat</p>	<p><u>Light</u> Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflection, refraction, mirror, sunlight</p>	<p><u>Magnets and Forces</u> Force, push, pull, twist, contact force, non-contact force, friction, magnetic force, magnet (bar, ring, button, horseshoe), attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole</p>	<p><u>Animals Including Humans</u> Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints</p>	<p><u>Plants</u> Air, light, water, soil, nutrients, reproduction, seed dispersal (wind, animal, water), germination, pollination (wind and insect), lifecycle, transportation, species, flower, stem/trunk, root, leaf</p>
<p><u>Working Scientifically</u> Comparative/Fair testing, Research, Observation Over Time, Identifying Grouping and Classifying, Problem Solving, investigate, question, predict, method, fair test, answer, results, record, data, diagram, present, describe, conclusion, identify, compare, observe, group, sort, classify, equipment</p>				

KS2 Cycle B

Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary
<u>Living Things and their Habitats</u> Classification, classification keys, environment, habitat, human impact (positive and negative), migrate, hibernate, fish, reptiles, amphibians, mammals, birds, insects, vertebrae, non-vertebrae	<u>Electricity</u> Electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol	<u>States of Matter</u> Solid, liquid, gas, particles, state change, melting, freezing, melting point, boiling point, thermometer, Celsius, evaporation, condensation, temperature, water cycle	<u>Animals Including Humans</u> Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, teeth, incisor, canine, molar, premolars, herbivore, carnivore, omnivore, producer, predator, prey, food chain	<u>Sound</u> Sound, sound wave, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation
<u>Working Scientifically</u> Comparative/Fair testing, Research, Observation Over Time, Identifying Grouping and Classifying, Problem Solving, investigate, question, predict, method, fair test, answer, results, record, data, diagram, present, describe, conclusion, identify, compare, observe, group, sort, classify, equipment				