

# Kingsfield First School



## Science Vocabulary Nursery - Y 4



## Nursery

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

## Reception

Autumn	Spring	Summer
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

## Year 1

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			

## Year 2

Vocabulary	Vocabulary	Vocabulary	Vocabulary
<u><b>Animals Including Humans</b></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)	<u><b>Plants</b></u> Trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem, light, shade, sun, warm, cool, water, grow, healthy, germinate	<u><b>Living Things and Their Habitats</b></u> Living, dead, never been alive, suited, suitable, basic needs, food, food chain, prey, predator, shelter, move, feed, habitats, microhabitats	<u><b>Everyday Materials</b></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/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching
<u><b>Working Scientifically</b></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			

## Year 3

Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary
<u><b>Rocks</b></u> Rock, stone, pebble, boulder, permeable, impermeable, sedimentary, igneous, grain, crystals, layers, metamorphic, texture, hard, soft, sandstone, fossil, marble, chalk, granite, slate, soil, peat	<u><b>Light</b></u> Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflection, refraction, mirror, sunlight	<u><b>Magnets and Forces</b></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	<u><b>Animals Including Humans</b></u> Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints	<u><b>Plants</b></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
<u><b>Working Scientifically</b></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				

## Year 4

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				