

# 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   | Vocabulary  | Vocabulary   |
|--|--|--|--|---|--|
| <u>Everyday Materials</u><br>Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, bendy (flexible)  | <u>Seasonal Changes</u><br>Summer, Spring, Autumn, Winter, season, sun, day, moon, night, light, dark, rain, wind, snow, frost, sleet, fog, cloud(y) | <u>Animals Including Humans</u><br>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>Seasonal Changes</u><br>Summer, Spring, Autumn, Winter, season, sun, day, moon, night, light, dark, rain, wind, snow, frost, sleet, fog, cloud(y) | <u>Everyday Materials</u><br>Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, bendy (flexible) | <u>Plants</u><br>Trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem |
| <b><u>Working Scientifically</u></b><br>Investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, equipment, identify, classify, sort, group |  |  |  |   |  |

## Year 2

| Vocabulary  | Vocabulary   | Vocabulary  | Vocabulary   |
|---|--|---|--|
| <p><b><u>Animals Including Humans</u></b><br/>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><b><u>Plants</u></b><br/>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><b><u>Living Things and Their Habitats</u></b><br/>Living, dead, never been alive, suited, suitable, basic needs, food, food chain, prey, predator, shelter, move, feed, habitats, microhabitats</p> | <p><b><u>Everyday Materials</u></b><br/>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</p> |
| <p><b><u>Working Scientifically</u></b><br/>Investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, measure, equipment, identify, classify, sort, group, communicate,</p> |  |   |  |

## Year 3

| Vocabulary   | Vocabulary   | Vocabulary  | Vocabulary   | Vocabulary  |
|--|--|---|--|---|
| <p><b><u>Rocks</u></b><br/>Rock, stone, pebble, boulder, grain, crystals, layers, sedimentary, igneous, metamorphic, hard, soft, texture, permeable, impermeable, fossil, marble, chalk, granite, sandstone, slate, soil, peat</p>   | <p><b><u>Light</u></b><br/>Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflection, refraction, mirror, sunlight</p> | <p><b><u>Magnets and Forces</u></b><br/>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><b><u>Animals Including Humans</u></b><br/>Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints</p> | <p><b><u>Plants</u></b><br/>Air, light, water, soil, nutrients, reproduction, seed formation, dispersal (wind, animal, water), germination, pollination (wind and insect), lifecycle, transportation, location (photosynthesis), species, flower, stem, root, leaf, sepal, filament, anther, pollen, petal, stigma, style, ovary, ovule</p> |
| <p><b><u>Working Scientifically</u></b><br/>Investigation, question, investigation cycle, predict, method, fair test, answer, results, conclusion, record, diagram, bar chart, compare, contrast, describe, observe, measure, equipment, identify, classify, sort, group, communicate,</p> |  |   |  |   |

## Year 4

| Vocabulary  | Vocabulary   | Vocabulary   | Vocabulary   | Vocabulary  |
|---|--|--|--|---|
| <p><b><u>Living Things and their Habitats</u></b><br/>           Classification, classification keys, environment, habitat, human impact (positive and negative), migrate, hibernate, fish, reptiles, amphibians, mammals, birds, insects, vertebrae, non-vertebrae</p>                               | <p><b><u>Electricity</u></b><br/>           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</p> | <p><b><u>States of Matter</u></b><br/>           Solid, liquid, gas, particles, state change, melting, freezing, melting point, boiling point, thermometer, Celsius, evaporation, condensation, temperature, water cycle</p> | <p><b><u>Animals Including Humans</u></b><br/>           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</p> | <p><b><u>Sound</u></b><br/>           Sound, sound wave, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation</p> |
| <p><b><u>Working Scientifically</u></b><br/>           Investigation, question, investigation cycle, predict, method, fair test, answer, results, conclusion, record, diagram, bar chart, compare, contrast, describe, observe, measure, equipment, identify, classify, sort, group, communicate,</p> |  |  |  |   |