

Brindishe Schools Science Learning Journey

Year 2

Vocabulary
Year 1 vocab + living/non-living, dead, habitat, microhabitat, food chain, healthy, unhealthy, properties, physical changes

Year 2

Healthy food, exercise and hygiene
Animals (including humans) - growing/changes, basic needs
Grouping living/non-living things; names of plants and animals; habitats, including microhabitats; conditions for growth (animals and plants); simple food chains
Plants - how seeds/bulbs grow; plant's needs in order to grow/stay healthy
Materials - properties and physical changes
Scientific discoveries and a range of scientists

Year 6

Classification - including plants, animals and microorganisms
Animals (including humans) - human circulatory system; diet, exercise, drugs, lifestyle; transportation of nutrients and water
Light - how we see, travel in straight lines, reflection, shadows
Evolution & inheritance - changes over time, fossils; environments/adaptation/evolution/variation
Electricity - circuits, number & voltage of cells, switches, use recognised symbols in drawings of simple circuits
Scientific discoveries and a range of scientists

Year 6

Year 1

Parts of the body and senses
Animals (including humans) - identify/name, classify
Plants/trees- identify/name, describe structure
Everyday materials -name/describe/group, natural/manmade
Seasonal changes - weather & day length
Scientific discoveries and a range of scientists

Vocabulary
EYFS vocab + body parts, 5 senses, parts of a tree/plant, Autumn, Winter, Spring, Summer, season, weather, identify, name, classify, group, describe

Year 3

Year 3

Plants - identify/describe functions of parts, water transportation, life cycles, what they need to grow, pollination, seed formation/dispersal
Animals - nutrition, skeletons & muscles
Rocks & soils - compare/group rocks, fossil formation, soil production/composition
Forces & magnets - surfaces, contact/non-contact forces; magnetic, attraction/repulsion, poles
Light - light/dark/shadows, reflection, sun dangers
Scientific discoveries & a range of scientists

Year 5

Life cycles: plant/animal reproduction; ageing process in humans
Properties & changes of materials- compare/group materials, uses
Earth and space - planets, sun, moon, Earth, day and night
Forces
Scientific discoveries and a range of scientists

Vocabulary
KS1 & LKS2 vocab + dissolving, solutions, separating, reversible, irreversible, the planets, gravity, friction, resistance, impact, pulley, gear

Year 1

Early Learning Goal

Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter
Explore the natural world around them, making observations and drawing pictures of animals and plants
Pupils know about similarities and differences in relation to places, objects, materials and living things

Vocabulary
sort, group, question, investigate, measure, compare, similar, different, change

EYFS

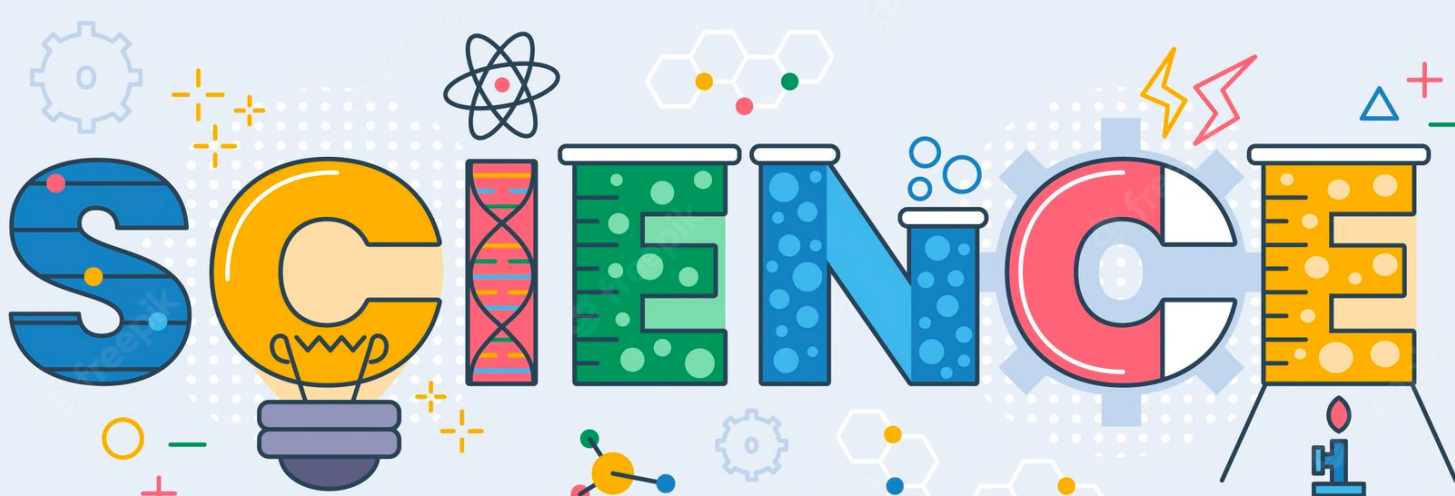
Year 4

Vocabulary
KS1 vocab + function, transportation, pollination, dispersal, nutrition, skeleton, muscles, composition, forces, attract, repel, poles, shadows

Year 4

Animals (inc. humans) - human digestive system; teeth variety/ function & care, food chains
Living things/habitats - environmental change & impact
States of matter - temperature change, heating/cooling; water cycle
Sound
Electricity - common appliances; simple circuits
Scientific discoveries and a range of scientists

Vocabulary
Y3 vocab + digestive system, varieties of teeth, solid, liquid, gas, vibrations, patterns, pitch, volume, sound, distance, electrical appliance, circuit, conduct(or)



Brindishe
Federation