



Animals Including Humans

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Leg, Arm, Elbow, Head, Neck, Knees, Face, Eye, Hair, Mouth, Teeth, Ear, Nose, Back, Animal, Fish, Birds, Baby, Snails, Slugs, Worms, Spiders, Insect, Exercise,	Year 1 Reptiles, Mammals, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Wings, Beak Year 2 Survival, Water, Air, Food, Adult, Offspring, Caterpillar, Pupa, Butterfly, Spawn, Tadpole, Frog, Lamb, Sheep, Exercise, Hygiene, Egg, Toddler, Child, Teenager, Life cycle.		Year 3 Movement, Muscles, Bones, Protection, Skull, Nutrition, Skeleton, Year 4 Tongue, Oesophagus, Stomach, Small Intestine, Large Intestine, Canine, Incisor, Molar, Digestive System Key Vocabulary suggested by Attleborough Academy: Digestion, Protein, Carbohydrate, Fibre, Vitamins & Minerals, Energy,		Year 5: Foetus, Embryo, Womb, Gestation, Elderly, Growth, Development, Puberty Year 6: Circulatory system, Heart, Blood Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Valve, Respiration, Lifestyle

Great Ellingham and Rocklands Primary Schools

Great Ellingham Science Vocabulary Progression Map Key Vocabulary: **Biology** / **Chemistry** / **Physics**



Plants

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Leaf, Flower, Stem, Root, Tree, Trunk, Seed, Branch, Water, Soil. Sunlight. Fruit, Vegetable	Year 1 Deciduous, Evergreen trees, Flowers (blossom), Petals, Fruit, Bulb, Bud, Garden plants, Wild plants . Year 2 Light, Temperature, Growth, Germination,		Year 3 Air, Light, Nutrients, Reproduction, Transportation, Dispersal, Pollination, Structure, Function		



Living Things & their Habitats

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Woodland/Forest, Garden, Field, Pond, River, Ocean, Countryside, Seaside Village, Town, City, Country, Earth/World,	Year 2 Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Seashore, Ocean, Desert, Rainforest, Microhabitat			Year 4 Vertebrates, Invertebrates, Environment, Flowering, Non-flowering, Fern, Moss, Nature Reserve, Ecologically planned park, Garden pond, Population, Deforestation Year 5 Sexual/Asexual Reproduction, Offspring, Life cycle	Year 6 Classification, Domain, Kingdom, Phylum, Class, Order, family, Genus, Species, Micro-organisms, Characteristics



Evolution & Inheritance

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Before, After, Now, Past, Present, Future, Family, Relatives, Parents, History,					Year 6 Fossils, Adaptation, Evolution, Natural Selection, Characteristics, Reproduction, Inheritance, Genetics, Variation,

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Seasonal Change

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Summer, Spring, Autumn, Winter, Sun, Day, Night, Season, Weather, Sun, Rain, Wind, Snow, Cloud, Storm, Lightening, Thunder, Light, Dark,	Class 2 only Frost, Ice, Thermometer, Fog, Hail, Water vapour, Sleet, Moon, Humidity, Day Length.				



Forces					
Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
			<u>Forces and magnets</u> Year 3: Magnetic, Force, North/South, Magnetism, Contact, Surface, Attract, Repel, Friction, Poles, Push, Pull, Bar, Ring, Button, Horseshoe		<u>Forces</u> Year 5: Air resistance, Water resistance, Friction, Gravity, Mechanism, Spring, Brake, Friction, Surface, Accelerate/decelerate, Theory of Gravitation, Force/Effect, Newton, Gears, Pulleys. Levers

Class 2

Class 3

Class 4

Class 5

Class 6

Year 3:
Magnetic, Force,
North/South, Magnetism,
Contact, Surface, Attract,
Repel, Friction, Poles,
Push, Pull, Bar, Ring, Button,
Horseshoe

Year 5:
Air resistance, Water resistance, Friction, Gravity, Mechanism, Spring, Brake, Friction, Surface, Accelerate/decelerate, Theory of Gravitation, Force/Effect, Newton, Gears, Pulleys. Levers.

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Light

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Light, Shadow, Reflective, Dark, Sun, Moon				Year 3: Opaque, Mirror, Artificial, Natural Year 6: Refraction, Spectrum, Rainbow, Colour, Light Source, Filter	

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Sound

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
			Year 4: Volume, Vibration, Wave, Pitch, Tone, Speaker, String, Percussion, Woodwind, Brass, Faint/Loud		

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Earth & Space

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Earth & Beyond Earth, Sun, Moon, Crater, Gravity, Day, Night, Star, Planet, Solar System, Mercury, Venus, Mars, Saturn, Jupiter, Uranus, Neptune,					Year 5: Earth, Sun, Moon, Axis, Rotation, Tilt, Day, Night, Phases of the Moon, Star, Constellation, Planet, Solar System, Hemisphere, Mercury, Venus, Mars, Saturn, Jupiter, Uranus, Neptune, Pluto, Geocentric/Heliocentric, Shadow clock, Sundial.



Electricity					
Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
				Year 4: Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Motor, Series, Conductors, Insulators, Appliances,	Year 6: Amps, Volts, Voltage Cell, Component, Brightness, Symbols

Class 6

Year 6:	
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Amps, Volts, Voltage Cell,
Component, Brightness,
Symbols



Materials

Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
Reception Colour, Drawing/Diagram, Rough/Smooth, Bumpy/Flat, Hard/Soft, Bendy, Waterproof/Not waterproof, Wood, Plastic, Glass, Paper, Metal, Water, Float/Sink, Solid, Liquid, Gas, Melting, Freezing,	<u>Everyday Materials</u> Year 1: Rock, Elastic, Foil, Opaque, Transparent, Stretchy, Stiff, Shiny, Dull, , Absorbent/Not Absorbent, <u>Uses of Everyday Materials</u> Year 2 Brick, Fabrics, Rubber, Cardboard, Squashing, Bending, Twisting, Stretching Elastic, Foil, Suitable/unsuitable, Physical Properties		<u>Rocks</u> Year 3: Fossils, Soils, Sandstone, Organic Matter, Granite, Marble, Pumice, Grains, Crystals, Sedimentary, <u>States of matter</u> Year 4: Solid, Solidify, Liquid, Gas, Evaporation, Condensation, Cooled, Particles, Temperature, Degrees Celsius, Freezing, Heating, Changing State	<u>Properties and changes of materials</u> Year 5: Hardness, Solubility, Transparency, Electrical/Thermal Conductivity, Magnetic, Filter, Mixing, Reversible/Irreversible, Key Vocabulary suggested by Attleborough Academy: <i>Chemical Reaction, Acid, Alkali, Compound.</i>	