

Higher Walton CE Primary School Vocabulary Progression

Science

EYFS

Autumn		Spring		Summer	
Seasonal Changes – Autumn Weather	Day and Night – shadows.	Seasonal Changes – Spring	Plants – Life cycles Living things and their Habitats – Contrasting natural environment.	Forces - How things move.	Earth and Space Pollution
Senses – My body/My senses		Animals – Habitats / Classifying		Materials – heating and cooling.	
summer spring autumn winter season head eyes nose mouth ears hands taste touch smell hearing feet arm leg	day dark light night	sun sunny light shadow clouds torch source light source	herbivore carnivore omnivore animal fish birds tree petals trunk fruit branch roots leaves bulb flowers seed stem	Ice water frozen Melt wet cold Hard change smooth Shiny rough Push pull force	Earth World Planet Sky Space Sun Moon Star Rubbish recycle

KS1

	Autumn		Spring		Summer	
Cycle A	Forces & space: Seasonal Changes	Living things: Habitats	Animals including humans – Life Cycles & health	Plants: Introduction to plants	Plants: Plant growth	Making Connections: Ocean protectors
	deciduous tree evergreen tree season weather season temperature changes Celsius Report	Alive Food chain Herbivore Omnivore Carnivore Diet Energy Habitat Mammal predator	adult carbohydrates life cycle hygiene growth basic needs offspring dairy growth spawn	edible leaf stem deciduous evergreen roots seed shoot flower growth	bulb energy germinate life cycle measure nutrient observe seed shoot stem	Difference Invention Compare Scientist Predict Similarity Results Observe Table Life cycle
Cycle B	Materials: Everyday materials	Animals including humans: Sensitive bodies	Animals: Comparing animals	Materials: Uses of everyday materials	Living things: Microhabitats	Connections: Fairy-Tale Science
	compare group hearing pattern sense(s) sight smell taste touch	Absorbant Compare Amphibian Reptile Mammal Suitable Sight Smell Touch taste	amphibian reptile fish mammal bird herbivore omnivore carnivore predator prey	plastic metal fabric flexible property glass suitability rock record	food chain microhabitat criteria invertebrate comparative test data characteristics classify species minibeast	absorbent fabric glass group material metal object plastic rock waterproof wood

LKS2

	Autumn		Spring		Summer	
Cycle A	Materials: Rocks and soil	Animals: Movement and nutrition	Animals including human: Digestion and Food	Energy: Electricity and circuits	Energy: Light and Shadows	Making Connections: How does food affect muscle fatigue?
	Sedimentary Fossil Igneous Metamorphic Hard Soft Grain Soil Sediment Hardness Group Predict Record research	Skeleton Invertebrate Exoskeleton Muscle Protection Support Bone Protein Vertebrate Endoskeleton Movement Pelvis Ribs joint	absorb digest herbivore omnivore carnivore oesophagus large intestine small intestine molar canine incisor stomach saliva food chain	Conductor Insulator Power source Bulb Wire Battery Mains Circuit Motor Switch Cell Buzzer appliance	light source luminous opaque protect reflect reflection reflective shadow translucent transparent	bar chart battery bulb circuit conclusion control variable fair joint light source opaque pattern predict shadow variable
Cycle B	Materials: State of Matter	Energy: Sound and vibrations (Y4)	Forces and space: Forces and magnets (Y3)	Living things: Classification and changing habitats (Y4)	Plants: Plant reproduction.	Making Connections: How does wind force affect seed dispersal?
	Condensation Drought Freezing Melting Solid Temperature Evaporating Precipitation Thermometer Rate Steam Water cycle	decibels (dB) eardrum insulator solid vibration liquid matter pitch sound volume hertz (Hz) gas	attract contact force electromagnet force friction magnet magnetic north pole repel south pole	conservation pollution classification endangered vertebrate classify deforestation flood invertebrate taxonomist Venn diagram Carroll diagram	conclusion female flowering plant male pollen pollination record reproduction results table seed dispersal transport variable	conservation control variable deforestation fair force friction investigation method pollution proof seed dispersal trustworthy

UKS2

	Autumn		Spring		Summer	
Cycle A	Materials: Mixtures and separation.	Materials: Properties and changes	Forces and space: Earth and space	Animals including humans: Circulation and Health	Energy: Light and reflection Animals: Human timeline	Making connections: How reflective are space blankets?
	control variable dissolve filtering insoluble mixture sieving soluble solution stopwatch variable	burning conductor control variable electrical conductivity insulator irreversible change method reversible change rusting	gravity Neptune horizon Saturn Jupiter Mercury Earth Venus Neptune Uranus Solar system	blood vessels heart rate pulse mass carbon dioxide nutrient transport bloodstream circulatory system heart	anomaly conclusion evaluate evidence fair test light ray line graph line of best fit pupil reflective	blood blood vessels conclusion degrees Celsius electrical conductivity hardness health heart heart rate insulator
Cycle B	Living things: Evolution and inheritance	Forces and space: Unbalanced forces	Energy: Circuits, batteries and switches	Living things: Classifying big and small.	Living things: Life cycles and reproduction.	Making connections: How does light affect the direction of plant growth?
	adaptation competition evolution gene natural selection population selective breeding survival ancestor extinct species inherit	air resistance anomaly balanced control variable (LKS2) data force (LKS2) gear gravity lever line graph line of best fit mean average	ammeter circuit current voltage appliance resistance voltmeter battery cell component motor switch bulb	classification key classify cold-blooded conifer exoskeleton fern life processes micro-organism moss organism warm-blooded	amphibian mammal fish bird reptile carnivore gestation incubation herbivore omnivore metamorphosis pollination reproduction	air resistance conclusion control variable evaluate evolution fair test friction inheritance life cycle predict offspring reproduction