



ESW Science Curriculum

Vocabulary Progression

EYFS	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word

	Focus children's language on what they can see and feel in relation to the weather and Autumn	Focus children's language on how something feels when you touch it and observe changes to state	Focus children's language on what they see when testing the movement of materials E.g. float, sink, roll drop	Focus children's language on what they see in the environment For example plant, flower, grow	Focus children's language on where different animals live For example on land, in water	Focus children's language their bodies and keeping healthy For example sleep, toothbrushing, safe
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Year 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Head	Flower	Body parts	Blossom	Object	Seasons
	Body	bud	Animal body parts	Petal	Material	Sunrise
	Eyes	Fruit	Senses	Berry	Hard	Sunset
	Ears	Seed	Characteristics	Stem	Stiff	Environment
	Mouth	Trunk	Classify	Root	Stretchy	Fabrics
	Teeth	Day length	Mammal	Stalk	Bendy	Herbs
	Leg	Weather	Bird		Floppy	Floating
	Senses		Reptile		Shiny	Sinking
			Amphibian		Absorbent	Identification
			Fish		Waterproof	
					Dull	
					Rough	
					Smooth	

Year 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Light	Opaque	Basic needs	Offspring	Living	Organism
	Shade	Transparent	Survival	Reproduction	Dead	Rainforest
	Sun	Translucent	Water	Growth	Never been alive	Endangered
	Warm	.Durability	Food	Offspring that look different	Suitable basic needs	Biodiversity
	Cool	Flexible	Air	Offspring that look similar	Shelter	Ocean
	Water	Rigid	Exercise		Food chain	Ecosystem
	Grow	Changing shape	Food types		Habitat	Desert

	Healthy	Materials	Hygiene		Food sources	Arctic
			Medicine			

Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Nutrition	Boulder	Push	Photosynthesis	Light	
	Nutrients	Rock	Pull	Pollen	Light source	
	Carbohydrates	Stone/pebble	Twist	Pollination	Dark	
	Sugars	Grain	Contact force	Seed formation	Transparent	
	Protein	Crystals	Non-contact force	Seed dispersal	Translucent	
	Vitamins	Minerals	Magnetic force	Stamen	Florescent	
	Minerals	Layers	Attract	Pistil	Opaque	
	Fibre	Absorbs	Repel	Germinate	Reflect	
	Skeleton	Texture	North pole	Germination	Reflective	
	Muscles	Fossil	South pole	Germinating	Shadow	
			Magnetic material	Nectar		
			Iron			
			Steel			

Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Electrical appliance	Digestion	States of matter	Classification key	Sound	Migrate
	Mains	Mouth	State change	Classification	Source	Monsoon
	Component	Saliva	Solid	Species	Vibrate / Vibration	Deforestation
	Short circuit	Oesophagus	Liquid	Environment	Travel	Biodiversity
	Positive and negative	Incisor	Gas	Ecosystem	Pitch	Emissions
	Insulator	Canine	Melting point	Adapted	Volume	Pollution
	Conductor	Molar / Premolar	Freezing point	Habitat	Faint / Quiet	Pesticide
	A complete circuit	Herbivore	Boiling point	Human impact	Insulation	Contaminate
		Carnivore	Evaporation / Evaporate	Positive / Negative	Loud	Drought
		Omnivore	Condensation / Condensate	Migrate	Soundproof	Freshwater
		Producer	Temperature	Hibernate		Marine sanctuaries
		Prey				Conservation areas

		Predator				
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Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Force	Earth	Life cycle	Conductor / Conductive	Solution	Offspring
	Gravity	Sun	Reproduce	Thermal	Solvent	Foetus
	Earth	Moon	Asexual	Change of state	Reversible	Dependent
	Air resistance	Planets in our Solar System	Fertilises	Mixture	Non-reversible (Irreversible)	Adolescent
	Water resistance	Solar System	Sperm	Dissolve	Rusting / Rust	Puberty
	Friction	Spherical	Egg	Solution	Burning	Gestation
	Mechanisms	Rotates	Live young	Soluble / Insoluble	Physical change	Pregnant
	Levers, pulleys, gears	Star	Metamorphosis	Solute	Chemical change	Toddler
		Orbit	Plant reproduction	Filter	Soluble	Prenatal
					Insoluble	Breeding
						Embryo
						Hormones

Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Word	Word	Word	Word	Word	Word
	Vertebrate	Circuit symbol	Blood vessels	Light	Offspring	
	Invertebrate	Circuit diagram	Circulatory system	Light source	Sexual reproduction	
	Flowering	Voltage	Heart rate	Dark	Vary / Variations	
	Kingdom	Components	Pulse	Reflected	Characteristics	
	Micro-organisms	Complete circuit	Oxygen	Opaque	Suited	
	Species	Current	Carbon dioxide	Transparent	Adapted	
	Non-flowering	Simple circuit	Lungs	Translucent	Environment	
		Series circuit	Organ	Travelling light	Inherited	
		Wires	Heart	Light rays	Species	
		Motor	Blood	Spectrum	Fossils	
		Buzzer	Nutrients			
		Battery				
		Cell				

Biology

Chemistry

Physics