

Animals including Humans – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units		The Human Body	The Human Body	The Human Body	The Human Body	The Human Body	The Human Body
Human body parts	head shoulders knees toes hand foot hair arms legs teeth	human face eyes ears mouth nose chin skin neck chest elbow wrist ankle abdomen	skeleton bone joint muscle red blood cell arteries veins	skeletal system	cell tissue organ oesophagus stomach intestine anus incisor canine premolar molar/wisdom	ovary fallopian tube uterus vagina cervix penis testicles scrotum	heart ventricle atrium arteries veins capillaries blood cells (red, white, plasma, platelets)
Body systems and functions (including human changes)	Hear See Touch Taste Feel Smell	senses sight hearing taste smell touch/feel	digest energy	support protection nervous system	digestive system	reproductive system sperm egg sexual asexual puberty period/menstruation breasts hormones wet dream erection acne voice box/break	pulmonary circuit circulation blood pressure heart rate

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Animals including Humans – Vocabulary Progression continued

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
PKC units		The Human Body	The Human Body	The Human Body	The Human Body	The Human Body	The Human Body
Health and lifestyle	Healthy Unhealthy		vaccine bacteria germs	nutrients nutrition balanced diet minerals	vitamin iron calcium magnesium zinc		drugs alcohol exercise

Living things and their Habitats – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units		Animals and their Needs / Taking Care of the Earth	Living Things and their Environment	Cycles in Nature	Classification of Plants and Animals / Ecology	Living Things and their Habitats	Classification of Living Things / Reproduction
Classification	Animal Pet Wild animal Alive Dead	animal fish amphibian bird reptile mammal pet fins gills scales feathers wings tail claws	alive dead inanimate		classify warm-blooded cold-blooded vertebrate invertebrate insect mollusc arachnid abdomen thorax		classification-system organism kingdom species microorganism fungi bacteria virus
Food chains	Eat Alive Dead	carnivore herbivore omnivore	producer consumer predator food chain		predator prey consumer producer		

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Living things and their Habitats – Vocabulary Progression **continued**

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
PKC units		Animals and their Needs / Taking Care of the Earth	Living Things and their Environment	Cycles in Nature	Classification of Plants and Animals / Ecology	Living Things and their Habitats	Classification of Living Things / Reproduction
Life-cycles	Chick Hatch Alive Born			cycle decay dormant ripen mature anther ovule reproduce germination		cycle birth growth death conception embryo gestation period live offspring infant/cy toddler adolescent/ce adulthood elderly metabolism reproduce(tion) life span life expectancy wean metamorphosis mature larvae/pupae	asexual clone sexual embryo germinate
Habitat / environment	Nature Home Field Woods	recycle litter pollution environment	habitat microhabitat survive adapt				

	Hutch/Coop/Pen						
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Plants – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units		Plants	Plants	Plants		Living things (Reproduction)	
Plant classification and identification	Plant Tree Grass Flower	plant deciduous oak sycamore evergreen pine holly fir tree sunflower daisy grass nettles poppy rose snowdrop seed				flowering plant non-flowering plant naturalist	
Plant reproduction and growth		roots stem leaves branches trunk flower petals	crown seedling bulb germinate crops harvest	life-cycle pollination seed formation seed dispersal reproduce absorb nutrients air/light/water room to grow transport thrive		stigma stamen anther filament ovule/ovary pistil pollen(ation) clone cutting tuber	

				wilt		asexual reproduction	
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Materials and States of Matter – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units		Materials and magnets	Materials and Matter		States of Matter	Materials	
Material types		material object wood plastic glass metal rock water			substance	mixture solution suspension powder	
Properties/ states of materials	Hard Soft Smooth Wood Plastic Metal	waterproof absorbent transparent opaque hard soft rough smooth flexible inflexible	solid liquid atoms particles properties magnify bonds		temperature degrees centigrade (°C)	soluble insoluble thermal electrical conductor insulator	
Change in materials					steam vapour evaporate/ation condense/ation precipitation chemical change rate	dissolve sieving filtering decanting reversible irreversible	

Rocks and Soils – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units				Rocks			
Properties of rocks and soils	Soft Hard Dirt Rock Soil Stone			minerals grains crystals hard smooth crumbly sandy loamy			
Types of rocks and soils				sedimentary			
Formation and changes				fossil pressure volcano heated formed core ocean/river/sea- bed layers sediment			

Electricity – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units			Electricity		Electricity		Electricity
Electricity			electricity electric shock electrical current circuit battery mains conductor insulator		component switch cell wire series circuit frayed appliance		volts voltage circuit diagram symbol short circuit (in)complete kill switch

Light and Sound – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units				Light	Sound		Light
Light	Light Dark Night Day			light source light dark shadow absence of light block reflect eye see			illuminate natural artificial/man-made obscure pupil iris lens spectrum (in)visible prism refract
Sound	Loud Quiet				vibration soundwaves matter (gases, solid, liquid) sound barrier speed of sound supersonic vocal cord voice box larynx cartilage ear canal hammer/stirrup/ anvil cochlea auditory nerves		

Earth and Space / Seasons / Weather and Climate – Vocabulary Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
PKC units		Seasons and Weather	Astronomy			Astronomy	
Earth and Space	Earth Sun Moon		planets 8 planet names solar system Sun Moon orbit rotate sphere/spherical star constellation astronaut			rotation axis gravity galaxy Milky Way universe Big Bang matter phases of the moon (crescent, waxing, waning, gibbous)	
Seasons	Winter Spring Summer Autumn	season spring summer autumn winter seasonal Earth					
Weather and climate	Sunny Rainy Cloudy Snowy	thermometer temperature rain(y) sun(ny) wind(y) cloud(y) snow(y) thunderstorm					

Forces and Magnets – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units				Forces and Magnets		Forces	
Forces	Push Pull			contact push pull magnetic force		gravity air resistance friction water resistance buoyancy (upthrust) thrust	
Movement	Forwards Backwards Sideways			surface strong force weak force		lever pulley	
Magnets				attract repel poles (North/South) magnetism magnetic metal			

Evolution and Inheritance – Vocabulary Progression

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
PKC units							Evolution
Evolution and inheritance							fossil classification offspring adapt adaptation evolution natural selection survival of the fittest