

Science Disciplinary Vocabulary - Year 1

Biology	Chemistry	Physics
amphibians	hair	plastic
reptiles	shoulder	stretch
mammals	chest	stiff
herbivore	belly button	metal
carnivore	fingers	liquid
omnivore	knee	gas
toes	toes	
fingers	deciduous	
touch	evergreen	
hearing	environment	
taste	blossom	
chest	petals	
	root	

Working Scientifically (KS1):

observe
equipment
test
identify
classify
observe
suggest/predict

gather
record
data
properties
magnifying glass
object

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Science Disciplinary Vocabulary - Year 2

Biology	Chemistry	
proteins carbohydrates offspring fats nutrition hygiene habitat rainforest desert	species pond indigenous trunk stem blossom bulbs woodland crown	stretching squashing bending twisting John Dunlop Charles Macintosh

Working Scientifically (KS1):

observe equipment test identify classify observe suggest/predict	gather record data properties magnifying glass object
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Science Disciplinary Vocabulary - Year 3

Biology	Chemistry	Physics
skeleton	pollination	sedimentary
muscles	seed dispersal	metamorphic
joint	seed formation	igneous
cartilage	nutrients	crystals
tendon	stigma	fossil
spine	anther	soil

Working Scientifically (LKS2):

ask/answer	gather	keys
relevant	record	bar charts
scientific enquiry	classify	tables
practical enquiries	present data	values
comparative test	results	differences
fair test	conclusion	similarities
systematic observations	improvements	changes
accurate measurements	evidence	scientific processes
prediction	findings	explain

Science Disciplinary Vocabulary - Year 4

Biology	Chemistry	Physics		
oesophagus pancreas organ intestine molars canine	flowering plants invertebrates insects deforestation pollution industrial waste	evaporation condensation melting solidifying precipitation degrees-Celsius	pitch volume vibrating frequency hammer	circuit conductor insulator battery cells appliance

Working Scientifically (LKS2):

ask/answer relevant scientific enquiry practical enquiries comparative test fair test systematic observations accurate measurements prediction	gather record classify present data results conclusion improvements evidence findings	keys bar charts tables values differences similarities changes scientific processes explain
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Science Disciplinary Vocabulary - Year 5

Biology	Chemistry	Physics	
puberty gestation reproduction embryo obese teenager	dissolve solubility filtering melting separating thermal	solar system planet spherical crescent moon gibbous moon eclipse	friction gravity air resistance water resistance levers pulleys

Working Scientifically (UKS2):

plan theory hypothesis recognise variables control variables measurements dependent variable independent variable	accuracy precision repeat readings scientific diagrams labels classification key scatter graphs line graphs	test results report causal relationships degree of trust support refute arguments
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Science Disciplinary Vocabulary - Year 6

Biology				Physics
atriums cardiovascular capillaries pulse ventricles blood vessels	vertebrates invertebrates species fungi bacteria algae	offspring adaptation evolution inheritance palaeontologist genotype	retina cornea iris pupil lens light wave	series circuits cells generator turbine fuses socket

Working Scientifically (UKS2):

plan theory hypothesis recognise variables control variables measurements dependent variable independent variable	accuracy precision repeat readings scientific diagrams labels classification key scatter graphs line graphs	test results report causal relationships degree of trust support refute arguments
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