

Science Disciplinary Vocabulary - Year 1

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

Working Scientifically (KS1):

observe
equipment
test
identify
classify
observe
suggest/predict

gather
record
data
properties
magnifying glass
object

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	

Science Disciplinary Vocabulary - Year 3

Biology		Chemistry	Physics	
skeleton muscles joint cartilage tendon spine	pollination seed dispersal seed formation nutrients stigma anther	sedimentary metamorphic igneous crystals fossil soil	reflection shadows opaque refraction convex concave	repel attract Pole pulley magnet magnetism

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 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	

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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