

K-12 Science Vocabulary
(revised June, 2012)

K	1	2	3	4	5	6	7
Above	Basic needs	Absorb	Canyons	Absorb	Air pressure	abiotic	Acceleration
Attributes	Clay	Aging	Caverns	Attract	Anemometer	atom	Air Mass
Below	Compare	Air temperature	Constellations	Axis	Aquatic	biotic	Asexual
Between	Earth	Appearance	Energy	Beneficial	Atmosphere	conduction	Carbon dioxide
Bottom	Explain	Columns of air	External	Charge	Barometer	conductor	Cell Membrane
Changes	Force	Eardrum	Freshwater	Cleavage	Circulatory System	convection	Cell Wall
Characteristics	Height	East	Function	Earthquake	Condensation	convergent boundary	Chloroplasts
Color	Improve	Endangered	Gas	Electricity	Conduction	density	Compound Machines
Compare	Magnet	Extinction	Glacier	Environment	Consumers	divergent boundary	Conduction
Describe	Minerals	Life cycle	Gravity	Erosion	Convection	eclipse	Convection
Differences	Movement	Liquids	Humus	Fossil	Decomposers	electromagnetic spectrum	Cytoplasm
Explain	Pattern	North	Internal	Habitat	Digestive System	element	Dominant Trait
Fall	Plant	Observe	Islands	Hardness	Ecosystems	energy	Energy
Front	Protect	Organism	Landforms	Igneous	Estuary	food chain	Fertilization
Growth	Recycle	Pitch	Mass	Inherited behavior	Evaporation	food web	Genes
Needs	Reuse	Pollution	Muscular System	Instinct	Food chain	insulator	Genotype
Non-living	Sand	Rain gauge	Nerves	Landslide	Food web	limiting factor	Humidity
Rough	Shelter	Reflect	Nutrients	Learned behavior	Friction	lithosphere	Inertia
Seasons	Soil	Reproduce	Produce	Magnetism	Genetics	mass	Mechanical Advantage
Shape	Space	Resemble	Properties	Metamorphic	Grasslands	matter	Meiosis
Shiny	Texture	Solids	Reproduce	Minerals	Inherited traits	medium	Mitochondria
Size	Top soil	South	Revolves	North poles	Mass	organism	Mitosis
Smooth	Variety	Thermometer	Rotate	Orbit	Momentum	photosynthesis	Nucleus
Sort		Variation	Saltwater	Organism	Nervous System	radiation	Oxygen
Spring		Vibrate	Seas	Population	Precipitation	respiration	Ozone
Summer		Vocal chords	Skeletal System	Reflect	Producers	revolution	Phenotype
Weather		Water cycle	Solar System	Repel	Radiation	solubility	Position
Winter		Weather vane	Speed	Rotation	Respiratory System	subduction	Punnett Square
Zig-zag		West	Survival	Sedimentary	Runoff	tectonic plate	Radiation
		Wind speed	Tissues	Solar energy	Salt marsh	transform boundary	Recessive Trait
			Valleys	South poles	Single-celled	transpiration	Sexual
				Streak	Terrestrial	tropism	Simple Machines
				Volcanic eruption	Transfer	vibration	Speed
				Weathering	Weight	visible light	Velocity
					Wind vane	volume	Work

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8	Physical Science	Biology	Physics
Absolute Age	Acceleration	Aerobic	Celsius
Adaptations	chemical property	Allele	centripetal force
Bacteria	complex machine	Anaerobic	concave
Biotechnology	conduction	Angiosperm	convex
Decomposer	covalent bond	Carbohydrate	Doppler effect
Deep Ocean Technology	Force	Catalyst	drag
Density	Frame of reference	Cellular respiration	elasticity
Ecosystem	friction	Diffusion	electric potential
Estuaries	induction	Enzyme	electromagnetic radiation
Evolution	ion	Evolution	electromagnetic spectrum
Food Chain	ionic bond	Excretion	equal & opposite force
Food Web	isotope	Exponential	equilibrium
Fungi	law of conservation of energy	Expression	F=ma
Groups	Law of Conservation of Matter	Gamete	inertial frame of reference
Heterogeneous	longitudinal (compressional) wave	Gene	interference
Homogeneous	magnetic domain	Gymnosperm	kinetic energy
Hydrosphere	mechanical advantage	Homeostasis	kinetic friction
Index Fossils	mechanical energy	Innate	net force
Law of Conservation of Mass	metallic bond	Lipid	Newtonian mechanics
Law of Superposition	mixture	Logistic	Ohm
Nitrates	Momentum	Metabolism	parabolic motion
Non-Point Source Pollution	Newton's Laws	Natural selection	potential energy
Periods	nuclear energy	Nucleic acid	pressure
pH	Ohms Law	Organic	properties of waves
Point-Source Pollution	Oxidation number	Osmosis	relative motion
Population	parallel circuit	Phenotype	resultant
Predator	pH	Pheromone	sound wave
Prey	physical property	Protein	static friction
Producer	power	Regulation	work & energy
Relative Age	pure substance	Replication	
River Basin	series circuit	Taxonomy	
Salinity	simple machine	Transcription	
Toxins	Speed/ Velocity	Transgenic	
Turbidity	thermal energy	Translation	
Upwelling	transverse wave	Transport	
Viruses	Uniform Motion	Vascular	
	valence electrons		

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	wave interference		
	work		