

SCIENCE 10

VOCABULARY LIST

PROCESSES OF SCIENCE

A
accuracy

C
conclusion
control
controlled experiment

D
dependent variable

E
extrapolation

H
hypothesis

I
independent variable
interpolation

O
observation

P
precision
prediction
principle
procedure

S
scale
scientific literacy
slope

U
uncertainty

V
validity
variable
Venn diagram

SUSTAINABILITY OF ECOSYSTEMS

A
abiotic
acid precipitation/rain
adaptation
adaptive radiation
algae
annual precipitation
annual temperature
aquatic

B
bacteria
bioaccumulation
biodegradation
biodiversity
biomagnification
biome
biosphere
biotic

C
carbon exchange
carbon sink
carbon store
carbonate
carnivore
cellular respiration
climate
climate change
climatograph
climax community
commensalism
community
competition
consumer
(primary, secondary, tertiary)

D
DDT
decomposers
deforestation
denitrification
detritivore

E
ecological hierarchy
(organism, population, community, ecosystem)
ecological pyramid
(pyramid of biomass, pyramid of energy, pyramid of numbers)
ecological succession
(primary, secondary)
ecology
ecosystem
elevation
estuary
extinction

F
food chains
food pyramids
food webs
foreign species
fossil fuel

G
grazing
greenhouse gases

H
habitat
heavy metals
herbivore
host

K
keystone species

L
latitude
legumes
lichen
lightning

M
mutualism

N
native species
natural selection
niche
nitrification
nutrients

O
omnivore
ozone layer

P
parasitism
PCBs
permafrost
pesticide
pH
phosphorus
photosynthesis
phytoplankton
pioneer species
predation
producer
proliferation

S
soil degradation
stability
symbiosis

T
terrestrial
top consumer/predator/
carnivore
toxin
trophic levels

Z
zooplankton

CHEMISTRY AND RADIOACTIVITY

A acidic acids alpha particle atomic mass atomic number atoms	M mass number metal oxide methyl orange methyl red molecules	D displacement distance	M magnetic polarity (normal, reverse) magnetic reversal magnetometer mantle mantle convection mantle plume mid-ocean ridge mountain range
B bases basic beta particle Bohr diagrams bonding pair bromothymol blue	N neutral neutralization (acid-base) neutron non-metal oxide	M magnitude	O outer core
C catalyst chemical family/group combustion compounds concentration conservation of mass covalent bonding	O organic	P position	P paleoglaciation plate boundary (convergent, divergent, transform)
D daughter product/isotope decay curve decay product decomposition diatomic element	P paired electrons parent isotope period pH indicator pH scale phenolphthalein polyatomic proton	S slope speed	Plate Tectonic Theory primary waves (P-waves)
E electron	R radiation radioactive decay	T time interval	R ridge push rift valley
F fission fusion	S salts shells/orbits single and double replacement standard atomic notation/isotope notation surface area symbolic equations synthesis	U uniform motion	S seafloor spreading secondary waves (S-waves) seismogram seismograph seismometer slab pull spreading ridge subduction subduction zone supercontinent (e.g. Pangea) surface waves (L-waves)
G gamma	U unpaired electrons	V velocity	T tectonic plate transform fault trench
H half-life hydrocarbon	V valence electron	PLATE TECTONICS	V volcanic belt volcanic island arc volcanoes
I indigo carmine inorganic ionic bonding ions isotope	MOTION	A asthenosphere	
L Lewis diagrams litmus lone pair	A acceleration (positive, negative and zero)	C Continental Drift Theory cross section (vs. map view) crust (continental, oceanic)	
		D density	
		E earthquake epicentre	
		F fault focus	
		G geologic time	
		H hot spot	
		I inner core	
		L lithosphere	