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

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

decomposers
deforestation
denitrification
detrivore

ecological hierarchy
(organism, population,
community,
ecosystem)

ecological pyramid
(pyramid of biomass,
pyramid of energy,
pyramid of numbers)

ecological succession
(tertiary)

E
ecology
ecosystem
elevation
estuary
extinction

F
food chains
food pyramids
food webs
foreign species
fossil fuel

G
grazing

H
habitat
heavy metals
herbivore
host

K
keystone species

O
omnivore

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

B
bases
basic
beta particle
Bohr diagrams
bonding pair
bromothymol blue

C
catalyst
chemical family/group
combustion
compounds
concentration
conservation of mass
covalent bonding

D
daughter product/isotope
decay curve
decay product
decomposition
diatomic element

E
electron

F
fission
fusion

G
gamma

H
half-life
hydrocarbon

I
indigo carmine
inorganic
ionic bonding
ions
isotope

L
Lewis diagrams
litmus
lone pair

M
mass number
metal oxide
methyl orange
methyl red
molecules

N
neutral
neutralization
(acid-base)
neutron
non-metal oxide

O
organic

P
paired electrons
parent isotope
period
ph indicator
ph scale
phenolphthalein
polyatomic
proton

R
radiation
radioactive decay

S
salts
shells/orbits
single and double
replacement
standard atomic
notation/isotope notation
surface area
symbolic equations
synthesis

U
unpaired electrons

V
valence electron

MOTION
A
acceleration
(positive, negative
and zero)

D
displacement
distance

M
magnitude

P
position

S
slope
speed

T
time interval

U
uniform motion

V
velocity

PLATE TECTONICS
A
asthenosphere

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

M
magnetic polarity
(normal, reverse)
magnetic reversal
magnetometer
mantle
mantle convection
mantle plume
mid-ocean ridge
mountain range

O
outer core

P
paleoglaciation
plate boundary
(convergent,
divergent, transform)
Plate Tectonic Theory
primary waves
(P-waves)

R
ridge push
rift valley

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)

T
tectonic plate
transform fault
trench

V
volcanic belt
volcanic island arc
volcanoes