

Science 8 Vocabulary List

Unit 1

Chapter 1

- bacteria
- cell
- cell membrane
- cell theory
- cell wall
- chloroplast
- compound light microscope
- cytoplasm
- diffusion
- electron micrograph
- endoplasmic reticulum
- eukaryotic cells
- Golgi body
- lysosome
- metabolism
- mitochondria
- nucleus
- organelle
- organism
- osmosis
- prokaryotic cells
- ribosome
- scanning electron microscope
- selectively permeable membrane
- vacuole
- virus

Chapter 2

- arteries
- capillaries
- circulatory system
- digestion
- digestive system
- excretion
- excretory system
- gas exchange
- gastric juice
- mucus
- nutrients
- organ
- organ system
- respiratory system
- tissue
- veins
- villi

Chapter 3

- antibody
- antigen
- immune system
- pathogen
- white blood cells
- vaccine

Unit 2

Chapter 4

- amplitude
- crest
- energy
- frequency
- trough
- wave
- wavelength
- light
- reflection
- refraction
- spectrum
- visible light
- wave model of light
- electromagnetic radiation
- gamma rays
- infrared rays
- microwaves
- radio waves
- ultraviolet waves
- X rays

Chapter 5

- angle of incidence
- angle of reflection
- angle of refraction
- normal
- opaque
- translucent
- transparent
- concave
- converging
- convex
- diverging
- focal point
- concave lens
- convex lens
- focal length
- lens

Chapter 6

- astigmatism
- blind spot
- cornea
- iris
- optic nerve
- pupil
- retina
- sclera
- laser light
- optical fibres
- refracting telescope
- reflecting telescope
- total internal reflection

Unit 3

Chapter 7

- condensation
- density
- displacement
- evaporation
- expansion
- fluid
- mass
- melting
- solidification
- sublimation
- volume

Chapter 8

- adhesion
- cohesion
- compression
- flow rate
- force
- friction
- gravitation
- kilopascal
- magnetic
- pascal
- pressure
- surface tension
- viscosity
- weight

Chapter 9

- barometer
- buoyancy
- buoyant force
- circulatory system
- convection
- diaphragm
- hydraulic multiplication
- hydraulic systems
- hydraulics
- one atmosphere
- pneumatic systems
- pneumatics
- respiratory system
- sphygmomanometer

Unit 4

Chapter 10

- arête
- cave
- condensation
- crevasse
- delta
- density
- deposition
- erosion
- erratic
- esker
- evaporation
- fiord
- freezing point
- glaciers
- gravity
- ground water
- hanging valley
- horn
- hydrologist
- iceberg
- karst
- landslide
- melting
- moraine
- outwash
- rapids
- salinity
- solidification
- striations
- sublimation
- weathering (chemical, biological, physical)

Chapter 11

- abyssal plain
- climate
- continental shelf (slope and rise)
- convection
- ocean current
- oceanographer
- submarine canyon
- swell
- tectonic processes
- tsunami
- turbidity currents
- wind action

Chapter 12

- acid precipitation
- benthic zone
- estuary
- pelagic zone