

Science 8 Review - 'Cheat Sheet' Ideas 😊

Scientific Method

- Note packages 1 &2
- Hypothesis, Variables, Data, Experimental Method
- Lab Safety

Biology

Life processes are performed at the cellular level.

- CELLS plant and animal
- Prokaryotic and eukaryotic
- Organelles
- Viruses and bacteria + fungi
- Vaccines and antibiotics
- Immune systems
- Cell theory
- Characteristics of living things
- Microscopes

Chemistry

The behaviour of matter can be explained by the kinetic molecular theory and atomic theory.

- Matter and phase changes
- Periodic table of elements
- Leptons & quarks
- Electrons, protons, neutron
- Bohr models
- KMT & atomic molecular theory
- Volume, Density, Mass

Physics

Energy can be transferred as both a particle and a wave.

- Wavelength
- Frequency
- Parts of the eye
- How we see colour and light
- Lenses (concave convex)
- Mirrors
- Translucent, opaque, transparent
- Angles of reflection and incidence
- Physics quiz

Earth Science

The theory of plate tectonics is the unifying theory that explains Earth's geological processes.

- Note Booklet
- Practice test + test
- Layers of the earth
- Earthquakes, Tsunamis, Volcanoes
- Fault lines (Convergent divergent)