

TAMANAWIS SECONDARY SCIENCE 8 COURSE OUTLINE

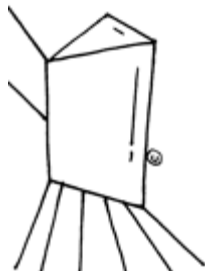
I) THE BASIC TOOLS OF SCIENCE

A) Safety in the Lab

- Safety rules, location and use of safety equipment, emergency procedures, WHMIS

B) Science Skills

- Scientific method, metrics and measurement, vocabulary, graphing



II) PHYSICS: OPTICS

A) Properties of light (Chapter 4)

B) Optical Systems (Chapter 5)

C) Human Vision (Chapter 6)



III) BIOLOGY: CELLS & SYSTEMS

A) Cells (Chapter 1)

B) Human body systems (Chapter 2)

C) The Immune System (Chapter 3)



IV) CHEMISTRY: FLUIDS & DYNAMICS

A) Kinetic Molecular Theory & Matter (Chapter 7)

B) Fluids are affected by force, pressure, & heat (Chapter 8)

C) Natural & Constructed fluid systems (Chapter 9)

V) EARTH SCIENCE: WATER SYSTEMS ON EARTH

A) The Water Cycle (Chapter 10)

B) The Oceans (Chapter 11)

C) Changes in water quantity & quality (Chapters 12)



ASSESSMENT (percentages may slightly by teacher)

- | | |
|------------------------|-----|
| • Tests and Quizzes | 45% |
| • Labs and Assignments | 40% |
| • Homework | 10% |
| • Notebook | 5% |

Final Exam
20% of year's work