



Holy Spirit High – 2013/14

Biology 2201

Instructor: T. Pretty

Course Description

Biology 2201 is an academic Pan-Canadian science course that aims to develop scientific literacy. Scientific literacy is an evolving combination of the science related attitudes, skills, and knowledge students need to develop inquiry, problem-solving, and decision-making abilities; to become lifelong learners; and to maintain a sense of wonder about the world around them.

Biology 2201 is composed of four units that contain core labs and core STSE sections (Science, Technology, Society, and the Environment). All schools are expected to complete these core areas and adhere to the sequence of units outlined below.

Unit 1: Matter and Energy for Life

Core Lab 1: Using the Microscope

Core Lab 2: Osmosis

Unit 2: Biodiversity

Core Lab 3: Dichotomous Key

Core STSE 1: Modern Classification Techniques

Unit 3: Maintaining Dynamic Equilibrium I

Core Lab 4: Blood Pressure

Core Lab 5: Respiratory Volumes

Core Lab 6: Macromolecules

Core STSE 2: Kidney and Urological Disease

Core STSE 3: Cancer

Unit 4: Interactions among Living Things

Evaluation:

Evaluation is the process of analysing, reflecting upon, and summarizing assessment information, and making judgments or decisions based upon the information gathered. All schools are expected to adhere to the evaluation scheme below for Biology 2201.

Tests/Quizzes 25%

Performance Assessment 25%

Midyear Examination 15%

Final Examination 35%