



Science 2200 Course Description

Science 2200 is an activity-based course designed to contribute to the development of basic concepts and skills through the study of Life Science and Earth/Space Science. Throughout this course students are provided opportunity to develop their scientific literacy by engaging in the process of Inquiry, Problem Solving, and Decision Making. Core activities provide opportunity for students to develop practical laboratory skills and to engage in scientific process. STSE (Science, Technology, Society, and Environment) Modules provide students with opportunity to go beyond the facts to examine how science permeates our everyday lives. All schools are expected to complete these core areas and adhere to the sequence of units outlined below.

Unit 1: Ecosystems

CORE STSE 1-1: *The Diversity of Life*

CORE ACTIVITY 1: *School Yard Ecosystem or A Natural Ecosystem*

CORE STSE 1-2: *Loss of Biodiversity*

CORE STSE 1-3: *Direct Impacts of Biodiversity Loss*

CORE STSE 1-4: *Ecosystem Change*

CORE STSE 1-5: *Ecosystem Balance*

CORE ACTIVITY 2: *Selecting Soil for a Sports Field*

CORE STSE 1-6: *Sustainable Development*

CORE ACTIVITY 3: *The Effects of Acid Precipitation*

Unit 2: Weather Dynamics

CORE STSE 2-1: *Weather Lore*

CORE ACTIVITY 4: *Build A Weather Station*

CORE STSE 2-2: *Weather Forecasting*

CORE ACTIVITY 5: *What Affects the Evaporation of Water?*

CORE ACTIVITY 6: *The Earth's Tilt and Seasons*

CORE ACTIVITY 7: *Extreme Weather in the News*

CORE STSE 2-3: *Severe Weather*

CORE ACTIVITY 3: *The Effects of Acid Precipitation*

Assessment:

Assessment in this course is governed by the *Assessment and Evaluation Policy* of the Eastern School District. This policy is located at www.esdnl.ca/about/policies/esd/I_IL.pdf. The regulations are located at www.esdnl.ca/about/policies/esd/regulations/I_IL_1L.pdf.

Evaluation Plan for Science 2200:

Tests/Quizzes	40%
Performance Assessment	60%

Note: Summative examinations are not included in the evaluation of Science 2200. Students are required to complete a formative assessment during the examination periods in January and June.