



École Secondaire LAURIER MACDONALD High School
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COURSE STANDARDS AND PROCEDURES

COURSE: Secondary 4 Environmental Science, 558-404

MYP AIMS ADDRESSED BY THE COURSE: What are the aims/objectives of the course? How do these relate to the MEQ competencies?

MYP Course Aims	MEQ Course Objectives
Develops skills to design and perform investigations, evaluate evidence, and reach conclusions.	Competency 1: Seeks answers or solutions to scientific or technological problems.
Cultivate analytical inquiry and flexible minds that pose questions, solve problems, construct explanations, and judge arguments.	Competency 2: Makes the most of his/her knowledge of science and technology.

APPROACHES TO LEARNING: Which ATLs will be addressed in the course and how? How will the content be delivered to the students?

- Holistic learning: While teaching Ecotoxicology, students explore the effects of contaminating bodies of water and the detrimental issues it causes to food chains. Mathematics is also incorporated in different topics such as molar concentration, electricity and energy.

- Communication: Students will conduct labs and complete hands-on activities and assignments in which they will have to use the appropriate scientific language.

IB MYP LEARNER PROFILE ATTRIBUTES: Identify which profile attributes will be addressed in the course and how.

- Knowledgeable: During the inquiry-based activities, students will be asked to use their previous knowledge of different scientific concepts to solve a new problem.
- Inquirers: Students will develop their skills for inquiry.
- Thinkers/Reflectors: Students will be required to reflect on theoretical components while completing labs.

FORMATIVE & SUMMATIVE ASSESSMENT INCLUDING MYP ASSESSMENT:

IBMYP course objectives	Examples of assessment/feedback both formative and/or summative.	Term evaluated
- A: Knowing and understanding - B: Inquiring and designing - C: Processing and evaluating - D: Reflecting on the impacts of science	May include, but not limited to: - Quizzes - Tests - Lab reports - Assignments - Rubrics	Term 1 (Sept. 1 - Nov. 5, 2026)
- A: Knowing and	May include, but not limited to:	Term 2

understanding - B: Inquiring and designing - C: Processing and evaluating - D: Reflecting on the impacts of science	-Quizzes -Tests -Lab reports -Assignments -Rubrics -Mid-term theory exam	(Nov.6, 2026-Feb.5, 2027)
- A: Knowing and understanding - B: Inquiring and designing - C: Processing and evaluating - D: Reflecting on the impacts of science	May include, but not limited to: -Quizzes -Tests -Lab reports -Assignments -Rubrics -Final Lab exam -Final theory exam	Term 3 (Feb.6-June 18, 2027)