

**ST. JOSEPH CATHOLIC SECONDARY SCHOOL  
COURSE OUTLINE**



**Name of Course/Course Code Name of Course/Course Code: Environmental Science, SVN3E**  
**Course Prerequisite: Science, Grade 9, Academic or Applied, or a Grade 9 or 10 locally developed compulsory credit (LDCC) course in science**

**Course Prerequisite**

**Course Description:**

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.

**Catholic Graduate Expectations:**

This course seeks to further the achievement of Catholic Graduate expectations through integrating Scripture, Catholic Church teaching, and moral and ethical reflection into the curriculum. Biology becomes authentic when it acknowledges both the material and spiritual dimensions of life. Students use Scripture to reflect on the mystery, wonder and awe, and sacredness of life. They use Church teaching to inform themselves in order to think critically and reflectively about the moral and ethical issues raised in the course. In addition to the informative role that the curriculum plays, there is the formative role of the community within the classroom. When Gospel values are actively witnessed within the classroom community they reveal the deeper spiritual Truth of our creation and are seen as something 'reasonable and worthy of being lived.

**Units of Study**

Unit 1	Human Impact on the Environment
Unit 2	Human Health and the Environment
Unit 3	Energy Conservation
Unit 4	Natural Resource Science and Management
Unit 5	The Safe and Environmentally Responsible Workplace

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**Evaluation**

70%	30%
Knowledge/Understanding	Culminating Task and Exam
Thinking/Inquiry	
Communication	
Application	

**Course Resources Required:**

For a detailed course description of this course, please visit  
<https://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.htm>