

ENVIRONMENT

Garth Webb
Secondary School

PROGRAM OVERVIEW

Environment SHSM is a program designed to develop environmental awareness while fostering leadership skills and healthy lifestyles. The Specialist High Skills Major is a ministry-approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements for the Ontario Secondary School Diploma (OSSD). This SHSM will inspire young people, build their confidence and help to improve our environment. Field trips will provide unique opportunities for hands on learning and a chance to foster connections with professionals within their field and in the community. Students participate in certification and training opportunities which can lead to accreditation that is helpful in obtaining employment and gaining entrance to competitive postsecondary education programs and the job market.

Experiential Learning Opportunities

- Trips to various environment related organizations and associations
- Presentations related to different careers within the sector
- Complete 2 Cooperative Education credits.
- Trips to colleges and universities
- Complete experiences related to math, coding or the design thinking process related to the environment sector
- Attend camping, tree planting and other outdoor excursions

Related Careers

- Canoeing Guide/Outfitter
- Chemical Engineer
- Conservation Officer
- Energy Consumption Consultant
- Environmental/Geological Engineer
- Hydrologist
- Landscaping and Grounds Maintenance Workers
- Mapping and Related Technologist/Technician
- Nursery Worker
- Silviculture and Forestry Workers
- ...and more

Possible Certifications

- CPR Level C / AED Training & Standard First Aid / WHMIS
- Compass / Map Global Positioning Systems (GPS)
- Species Identification
- Geographic Information System (GIS)
- Leadership Skills
- Wilderness Survival
- Working at Heights
- Leave No Trace
- Pleasure Craft Operator
- Introduction to stream assessment protocol
- ...and more

CREDITS

Course Package

Each SHSM program offers students a bundle of 8 - 10 credits. These courses are regular Ontario secondary school courses that allow students to work towards their Ontario Secondary School Diploma, but have been bundled as the most relevant courses to prepare students for a future in the environment sector.

The Bundle Includes:

- **4 “major” credits** related to environment in grade 11 and 12
- **Supporting credits**, which include Contextualized Learning Activities (opportunities for students to learn the subject in the context of the environment sector):
 - > 1 Grade 12 English credit
 - > 1 Grade 11 Math credit
 - > 1 Grade 11 or 12 Science, Business Studies or Social Sciences credit
 - > 2 Cooperative Education credits to experience life in the environment sector

Applying to the Environment SHSM:

All students in Halton are able to attend the Environment SHSM at Garth Webb Secondary School in grade 11 and grade 12. Each student's goals will be assessed and course selection will be determined based on their needs.

If you want to learn more about this program:

- Check out the Environment SHSM at **haltonpathways.ca**
- Visit **myblueprint.ca/halton**
- Talk to Josh Sanderson in Guidance or Science
- Come to a Pathways Planning Information Evening (see haltonpathways.ca for dates and times)

CONTACT

Josh Sanderson

Garth Webb Secondary School
2820 Westoak Trails Blvd
Oakville, L6M 4W2
sandersonjo@hdsb.ca



**GARTH WEBB
SECONDARY SCHOOL**

