



**GRADE 12**

# Sustainable Vegetable Production

## SD33 Chilliwack

This course is a continuation to Sustainable Vegetable Production 10 and 11. Students will be expected to become proficient in the concepts of sustainable practices in agriculture. This unique outdoor course will take place at both the Sardis Secondary School Greenhouse and the Sardis Secondary School Farm (on Richardson Avenue). Students will be taught about food production through practical hands-on experiences. Students will learn skills in land preparation, planting, weed control, pest manag

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**Credits:** 4

**Approval Date:** Mar 2020

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**Hours:** 80

**Trax Code:** YAAPS

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## GOALS AND RATIONALE

? develop an understanding and appreciation of the nature of science as an evidence-based way of knowing the natural world that yields descriptions and explanations, which are in turn continually being improved within the context of our cultural values and ethics ? develop place-based knowledge of the natural world and experience the local area in which they live by accessing and building on existing understandings, including those of First Peoples ? develop a solid foundation of conceptual an

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## BIG IDEAS

Complex roles and relationships contribute to diversity of ecosystems; changes to this can be caused by humans or nature. Human practices affect the sustainability of ecosystems; thus, sustainability is essential to human survival. Water is essential to life; therefore, its conservation is required. Soil health is essential for healthy ecosystems and food development; therefore, humans need to protect it. Life is a result of interactions at the molecular and cellular levels.

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## ADDITIONAL INFORMATION

Aboriginal Worldviews and Perspectives: • Learning ultimately supports the well-being of the self, the family, the community, the land, the spirits, and the ancestors. • Learning is holistic, reflexive, reflective, experiential, and relational (focused on connectedness, on reciprocal relationships, and a sense of place). • Learning involves patience and time. • Learning requires exploration of one's identity.