


**Appendix B:
Example cirricula
from a school farm**

Sardis Secondary School in Chilliwack, BC

These courses were all Board Authorized

Twelve-Credit Semester Courses



Agriculture 12

with partner university (12 high school credits and three university credits)

- Satisfies 3 grade 12 courses and a first-year university agriculture course.
- Students spend a large component of their time on the school farm planning, implementing and managing crops and working on the CSA program offered by the Ag program.
- Students complete a project that coincides with their passions in agriculture in either: pest management, crop planning, or the business of agriculture.
- There is an opportunity to partner with university to give students a head-start in their post-secondary agriculture education.



Biology 11/Environmental Sciences 11 (Agriculture)

- This is a back-to-back course of regular Biology 11 and Environmental Science 11.
- The course explores all of the organisms on the planet, how they interact and how humans impact the changing the world around us.
- The hands-on component of the course includes dissections and sustainable agriculture and forestry applications, such as Integrated Pest Management.



Science 10/Agriculture 11 (Doubleblock)

- Completes graduation requirements for both Science 10 and Science 11.
- Students Spend a large component of their time in the course working on the school farm learning about field crop production.
- The course includes time at the school farm greenhouse and participation in several agricultural field trips.
- Science 10 concepts will include, genetics, physical chemistry, energy, and space. Genetics and chemistry will be taught with an agricultural focus, including topics in genetic selection, GMOs, soil composition and more.
- Science 11 credit will include the sustainability of agriculture, forestry and fisheries in BC.

4 Credit Semester Courses



Agriculture 11

- Teaches concepts around food production using hands-on methods, primarily at the school greenhouse.
- Students learn about animal agriculture through field trips and guest speakers.
- The course is 50% theory and 50% hands-on activities in the greenhouse or at the school farm.
- Topics will include the sustainability of agriculture, forestry and fisheries in BC.



Agriculture 12

This course is an extension of Agriculture 11.

- Students are given greater responsibility in managing aspects of the greenhouse and school farm. They will be involved in crop planning, managing sales of produce, and spend time learning about current global issues in the world of agriculture and food production.

4 Credit Semester Courses:



Sustainable Vegetable Production 10/11/12

- Classes run twice a week. Students must attend eight to nine out of the 18 possible sessions for 48-54 hours of course time
- Students cook meals at home with farm-fresh produce and create a digital story photo log to document the farm-to-table process for the remaining 24-32 hours of course time
- Students learn skills in land preparation, planting, weed control, pest management, fertilizing, pruning, harvesting, marketing and sales.
- Students work alongside community partners who are specialists in the various commodities grown.
- As a side benefit, students are encouraged to prepare the food and eat it with their families.

For more information email Joe Massie at joe_massie@sd33.bc.

