

BC's Renewed Curriculum

New Curriculum, New Opportunities

In 2016 a new curriculum was introduced to BC's kindergarten to grade 7 (K-7) education system. The renewed science curriculum has strengthened its emphasis on environmental education, ecological literacy, and inquiry-based learning. These core concepts are explicitly designed with a place-based approach in mind.

Due to these updates, the *Urban Stewards* CD is more relevant now than ever! These same concepts are core components of the *Urban Stewards* CD. In addition to strengthening the connection between the CD and BC science curriculum, the new curriculum has also extended the CD's applicability to include grades K-7.

Urban Stewards is, by nature, a cross-curricular resource. Each lesson engages learners across multiple subjects; this includes, but is not limited to: science, language arts, fine arts, mathematics, social studies and physical education. The CD is, however, primarily intended as a science resource; as such, the lessons have been matched to the BC science curriculum.

BC Science Curriculum Connections

The *Urban Stewards* CD contains 12 complete units. Topics covered are: ecosystems, habitat, water, soil, plants, experiments, invertebrates, vertebrates, biodiversity, natural resources, sustainability and climate change.

On the following pages you will find:

1. Connections between the 12 units and their relevance to the big ideas of grades K-7.
2. Detailed connections between the 12 units and their relevance to the big ideas and curricular competencies of grades 4-7. These connections are denoted as either direct, indirect, or extensions.
 - Direct connections denote activities which directly engage with a grade's curriculum;
 - Indirect connections denote activities which would have to be slightly modified to meet curriculum;
 - Extensions are where activities meeting curriculum are suggested in the Conclusion of each unit, but direct activity outlines and materials may not be provided.

These connections are not intended to be an exhaustive list. Read through these documents to see how the CD is relevant to your class!



BC Science Curriculum Connections to Big Ideas

Grades	Urban Stewards CD Units												
	Ecosystems	Habitat	Water	Soil	Plants	Experiments	Invertebrates	Vertebrates	Biodiversity	Natural Resources	Sustainability	Climate Change	
K	✓	✓	✓	✓			✓						
1	✓	✓	✓	✓			✓		✓				
2	✓	✓	✓	✓			✓	✓	✓				
3	✓	✓	✓	✓			✓	✓	✓				
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

A ✓ indicates that the unit connects to at least one big idea within the science curriculum of the corresponding grade.



Grade	BC Science Curriculum Connections	Ecosystems	Habitat	Water	Soil	Plants	Experiments	Invertebrates	Vertebrates	Biodiversity	Natural Resources	Sustainability	Climate Change
7	Big Ideas												
	Evolution by natural selection provides an explanation for the diversity and survival of living things	●	●	○	○	●	●	●	●	●	●	●	●
	Earth and its climate have changed over geological time	○		○	○	●				●	●	●	●
	Curricular Competencies												
	Questioning and Predicting	●	●	●	●	●	●	●	●	●	●	●	●
	Planning and Conducting						●						
	Processing and Analyzing Data and Information	●	●	○	○	●	●	●	●	●	●	●	●
	Evaluating	●	●	●	●	●	●	●	●	●	●	●	●
	Applying and Innovating		○	○	○	○	○						●
	Communicating	●	●	○	○	●	●					●	●