

Peninsula Streams Society

Gr. 5 Program - 'Cool Carbon Connections' & 'Connecting Kids with Nature'

Program Objectives - To create an opportunity for students to:

- Be curious about how nature designs and functions
- Foster a stronger connection with Nature and their role in the ecosystem
- Learn more about their local ecosystem and the species within it
- To understand the role of carbon, oxygen and hydrogen in life-friendly chemistry and design
- Foster a sense of innovation

Cost:
This program is delivered FREE-OF-CHARGE to schools, thanks to funding from government, local business and foundations.

Activity 1 – Cool Carbon Connections (carbon cycle game)

- To learn about the carbon cycle
- To think about how nature makes everything with readily available materials and energy
- To understand that nature uses Life friendly Chemistry
- To think about designing products and systems that work in cycles
- To understand that we can design things that work with nature's cycles
- To understand that petroleum-based products are on a prolonged feedback loop
- Key Vocabulary: Cooperation, Carbon, Oxygen, Hydrogen, CO₂, H₂O, Cycle, Design, Energy

Activity 2 - Connecting Kids with Nature (nature walk led by local naturalist/biologist)

- To learn about the local flora and fauna
- To explore cooperative relationships
- To connect with Nature

The program takes one (1) hour total (PLUS travel time to/from school to green space). Students (one class) walk with their teacher(s) to a nearby green/wild space where they are met by the Peninsula Streams Team. The class is then divided into 2 groups so they can engage in 2 activity stations (30 mins each) for a total activity period of 1 hour.

This program bridges the learning experience between our Gr. 3 & Gr. 6 programs:

Grade 3
'Watershed & Salmon Lifecycle' Program



Grade 5 'Carbon and Nature Program



Grade 6/7
'Creatures of Habitat' Program