

Fun Science Labs (Elementary)

Bird Buddies

We share our home of Vancouver with hundreds of species of birds. Let's get outdoors and meet some of our nesting neighbours and make observations of their behaviour, habitat, and appearance.



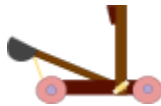
Bug Race

Conduct an experiment testing the time it takes different bugs to complete a course YOU have designed!



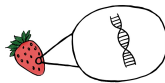
Catapult Capers

Apply your knowledge of transformation of energy and simple machines to design and build catapults.



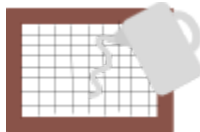
Strawberry DNA

Extract strawberry DNA using household materials, then observe it under a foldscope.



Paper-making

Learn about the paper-making process firsthand using scrap and newspaper!



Building Bridges

Learn about the different types of bridges and how to engineer them. Apply this knowledge to your own bridge design!



Ice Cube Competition

Investigate the relationship between different insulative materials and their effectiveness at slowing the rate of ice cubes melting.



Water Engine Exploration

An engine is a type of machine that converts different types of energy into mechanical energy. Learn how to convert gravitational potential energy into rotational energy!



Pill Bug Preferences

Design an experiment that tests one or two variables and pill bug responses.



Quadrat Sampling

Ecology is the study of how organisms interact with one another and with their environment. Get out into the field and see what you can learn about ecosystems around Vancouver!



Mysterious Mixtures

A mixture is created when two or more substances are mixed or combined together. Can you solve the mystery of how to separate these mixtures?



Yeasty Beasties

Using a balloon to capture the gas yeast releases, compare and contrast the activity levels of different yeast samples

