



# Secrets of the Forest

## **CURRICULUM LINKS: Grade 4-7**

### ***Life Science: Habitats and Communities (Grade 4)***

- compare the structures and behaviours of local animals and plants in different habitats and communities.
- determine how personal choices and actions have environmental consequences.

### ***Physical Science: Force and simple machines (Grade 5)***

- demonstrate mechanical advantage of simple machines, including lever, wedge, pulley, ramp, screw and wheel.

### ***Earth and Space Science: Renewable and Non-renewable resources (Grade 5)***

- analyse how BC's living and non-living resources are used
- describe potential environmental impacts of using BC's living and non-living resources
- identify methods of extracting or harvesting and processing BC's resources

### ***Life Science: Diversity of Life (Grade 6)***

- analyse how different organisms adapt to their environments
- distinguish between life forms as single or multi-celled organisms and belonging to one of five kingdoms: Plantae, Animalia, Monera, Protista, Fungi

### ***Life Science: Ecosystems (Grade 7)***

- analyse the roles of organisms as part of interconnected food webs, populations, communities and ecosystems
- assess the requirements for sustaining healthy local ecosystems
- evaluate human impacts on local ecosystems
- assess survival needs and interactions between organisms and the environment