



BC FOREST DISCOVERY CENTRE

Operated by the BC Forest Museum

Ministry of Education's Prescribed Learning Outcomes
Addressed in "Forest Ecology" Education Programs

Eagles and Ecosystems – *Primary Forest Ecology Program*

Grade 1 – Science

It is expected that students will:

- Classify objects, events, and organisms
- Classify living and non-living things
- Describe the basic need of local plants and animals (e.g. food, water, light)
- Describe how the basic needs of plants and animals are met in their environment
- Describe changes that occur in daily and seasonal cycles and their effects on living things

Grade 2 – Science

It is expected that students will:

- Use their senses to interpret observations
- Describe some changes that affect animals (e.g. hibernation, migration, decline in population)
- Describe ways in which animals are important to other living things and the environment
- Distinguish ways in which air, water, and soil interact
- Explain why air, water, and soil are important for living things

Grade 3 – Science

It is expected that students will:

- Ask questions that foster investigations and explorations relevant to the content
- Compare familiar plants according to similarities and differences in appearance and life cycles
- Describe ways in which plants are important to other living things and the environment
- Describe how plants are harvested and used throughout the seasons

2892 Drinkwater Road, Duncan, BC V9L 6C2

Phone: 1 250 715 1113 ♦ Fax: 1 250 715 1170 ♦ e-mail: info.bcfdc@shawlink.ca
www.bcfrestdiscoverycentre.com

Timber Stamps and Tree Rings – *Intermediate Forest Ecology Program*

Grade 4 – Science

It is expected that students will:

- Compare the structures and behaviours of local animals and plants in different habitats and communities
- Analyse simple food chains
- Demonstrate awareness of the Aboriginal concept of respect for the environment
- Determine how personal choices and actions have environmental consequences

Grade 5 – Science

It is expected that students will:

- Analyse how BC's living and non-living resources are used
- Identify methods of extracting or harvesting and processing BC's resources
- Analyse how the Aboriginal concept of interconnectedness of the environment is reflected in responsibility for and caretaking of resources
- Describe potential environmental impacts of using BC's living and non-living resources

Grade 6 – Science

It is expected that students will:

- Analyse how different organisms adapt to their environments

Grade 7 – Science

It is expected that students will:

- Analyse the role of organisms as part of interconnected food webs, populations, communities, and ecosystems
- Assess survival needs and interactions between organisms and the environment
- Assess the requirements for sustaining healthy local ecosystems
- Evaluate human impacts on local ecosystems

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