

Video Title: Lesson 03—The Interior Temperate Rainforest

Brief Description	Barb Du Tot describes the significant features of an Interior Temperate Rainforest. You will learn how to identify Cedar, Hemlock and Yew trees by the bark, shapes of the branches and even the smells.
KEYWORDS	Interior Temperate Rainforest Inland precipitation Cedar Hemlock fronds needles citrus Yew lichen Lungwort lichen
Curriculum Links By grade- Big Ideas- Content	<p><u>Science</u></p> <p>K-Plants and animals have observable features -adaptations of local plants</p> <p>Grade 1- Living things have features and behaviours that help them survive in their environment- classification of living and non-living things, names of local plants and animals, structural features of living things in the local environment</p> <p>Observable patterns and cycles occur in the local sky and landscape- local patterns that occur on the earth</p> <p>Grade 3- Living things are diverse, can be grouped, and interact with their ecosystems- biodiversity in the local environment</p> <p>Grade 4- All living things sense and respond to their environment- The ways organisms in ecosystems sense and respond to their environment- Biomes are large regions with similar environmental features</p>
Inquiry Questions	What makes a rainforest? Why is it important to protect rainforests and old growth forests? What is biodiversity? Why is the Interior Temperate Rainforest unique? How can lichens show us if the air is clean? Why do we need clean air? What kinds of trees grow near your school or home?
Background interesting facts, "Nature Nuggets"	<ul style="list-style-type: none"> • Cedar has special chemicals (tannins) that prevent it from rotting quickly. • Lungwort lichen is an indicator of clean air. It changes when it is placed in water from crispy, gray-green color and dry to soft, flexible, rubbery, and bright green color
Outdoor Activity	1.Go on a walk and visit the trees in your neighborhood, imagine what they have seen and experienced during their life as a tree. Write and draw about these experiences
Links to related Resources	<p>Project Learning Tree : https://www.plt.org/stem-strategies/have-seeds-will-travel/ https://www.plt.org/resources/resources-for-plt-lessons</p> <p>HCTF education Let's Go series (focuses on Biodiversity): https://www.hctfeducation.ca/lessons/outdoors-projects-and-places/</p> <p>Tree Canada resources: https://treecanada.ca/resources/</p>
Book list	<p>1. Tree Book: Learning to recognize trees of British Columbia, MOELP https://www.for.gov.bc.ca/hfd/library/documents/treebook/treebook.pdf</p>

	<p>2. Can You Hear the Trees Talking? Discovering the Hidden Life of the Forest Wohlleben, Peter, - 2019</p> <p>3. I Can Name 50 Trees Today! All About Trees Worth, Bonnie - 2006</p>
Extension Activity Ideas	<ol style="list-style-type: none"> 1. Interview a tree activity https://www.blm.gov/sites/blm.gov/files/Learn_CCSC_Nature-Learning-Downloads_Interview-a-Tree.pdf 2. Adopt-a-tree and visit your tree every week to see the changes
Notes/Misc	<p>Barb does a really good job of using all your senses when investigating a tree</p>