

Forests Ontario creates and updates lesson plans and other forestry-related education resources. Below is a sample of some of the lesson plans and resources available. For more resources, please explore the [Education Resources landing page](#).

[Environmental & Forest Education in the Classroom: Summary of Key Workshop Findings](#)

[Focus on Forests: Teacher's Toolbox](#)

[Forestry in the Classroom](#)

### **Fine Arts**

- [Not All Plants are Created Equal](#) (EN & FR). Primary/Junior. Indoors/Outdoors. Students will be familiarized with the characteristics of trees to assist with tree identification.
- [Construct a Tree](#) (EN & FR). Primary/Junior. Indoors. To give students the opportunity to identify the parts of a tree and demonstrate how they fit together.
- [Fire Feelings](#) (EN). Junior. Indoors. Students will understand positive and negative effects of wildfire and will begin to form their own opinions about fire ecology.

### **English**

- [The Lorax](#). (EN). Junior. Indoors. To give students an opportunity to recognize the importance of managing our forests.
- [Invent a Forest Creature](#) (EN & FR). Junior/Intermediate. Indoors. The concept of an ecological niche within the forest community will be explored.

### **Social Studies/Geography**

- [Taking Stock](#) (EN & FR). Senior. Indoors/outdoors. Students will learn the importance of conducting an urban tree inventory and will undertake a simplified inventory to assess the health of a local forest.
- [Branch Management](#) (EN). Senior. Indoors. Students will research and analyze the social, economic, and environmental impacts of forest management activities.
- [Set Your Course](#) (EN). Intermediate/Senior. Outdoors/Indoors. Students will learn about orienteering using a map and compass, and why it is still a valuable skill in today's digital world.

### **Math**

- [Reaching New Heights](#) (EN & FR). Intermediate/Senior. Outdoors. Students will use the basics of trigonometry to learn to measure the height of a tree.

- [Tree Sampling](#) (EN). Intermediate/Senior. Indoors. Students will use a woodlot inventory as the context for learning about continuous one-variable data and standard deviation.

## Science

- [Nature's Throwaways](#) (EN & FR). Primary. Indoors/Outdoors. The natural cycle of decay in the forest will be explored.
- The Urban Jungle. Primary/Junior.
- [Forest Connections](#). (EN & FR). Junior/Intermediate. Indoors. Forest ecosystem composition, structure and function will be examined in this lesson plan.
- [Tree Keys](#). (EN). Intermediate. Outdoors/Indoors. Students will develop the observation and classification skills necessary to identify trees by developing tree identification keys.
- [Alien Invaders](#). (EN). Intermediate/Senior. Outdoors/Indoors. Students will learn how to identify local invasive species and develop an invasive species plan. See also: [Ontario Envirothon Guide to Invasive Species](#).

## Careers

- [Paths to the Forest](#) (EN & FR). Senior. Indoors. Students will explore opportunities for employment in the forest community.
- [Forest Career Chart](#) (ENG). Junior/Intermediate/Senior. Indoors. Chart outlining several forest sector careers.

## Tree Identification

- [Tree Bee \(website\)](#)
- [Tree Bee Teacher's Guide](#)
- [Tree Bee pocket guide](#)
- [Winter Tree Key](#)
- [Leaf it to Memory](#) identification game