

Maple Sugar

Grades 3-6, Available Spring Only

OVERVIEW & PURPOSE

This interactive hands-on program will explore the harvest and use of Maple Sugar in Ontario Indigenous and Historic contexts.

COMPONENTS

1. Gallery tour
2. Maple Sugar Workshop
3. Maple Sap collection baskets craft
4. Village tour and Maple Sap collection demonstrations
5. Harvest/Grade focused scavenger hunt
6. Traditional and Maple Games
7. Solids, Liquids, and Gases science activity

SAMPLE SCHEDULE

For a 4 hour - Full Day version:

Time:	Activity:
10:00	Grade-specific gallery discussion (Incorporated in all programs this component will be tailored to the grade as well as the focus of the chosen program and introduces students to Ontario's Indigenous people as well as the plants, animals and other resources available over time.
10:30	Maple birch bark basket craft: Students will create a paper version of the birch bark baskets used by Ontario's Indigenous Peoples to collect sap from trees.
11:00	Village tour and Maple Sap collection demonstrations: students will receive a

	walking tour the Lawson archaeological site and learn how maple syrup is collected. MOA taps and collects its own maple sap. Students will collect their own sap to be used in their experiments (as long as the sap is flowing, store bought maple water will be used otherwise).
11:30	Lunch
12:00	Solids, Liquids, Gases science activity: Students explore the nature of solids, liquids, and gases through experimentation in preparation for the maple sugar workshop.
12:30	Maple Sugar Workshop: Students will explore maple sap, syrup, and sugar using sensory observations and evaluate how maple was collected and processed by Ontario's Indigenous Peoples.
1:00	Traditional and Maple related games
1:30 - 2:00	Harvest/Grade focused scavenger hunt - designed to complement the day's program and grade curriculums (SS, ST, and Math).

(For a 2 hour - Half Day program teachers can choose 4 of the above components. If combining classes, please choose the same components).

CURRICULUM CONNECTIONS*

Grade 1:

Science - Understanding life systems needs and characteristics of living things (1.2, 2.2, 2.3, 3.1, 3.2, 3.4, 3.6)

Science – Energy in Our Lives (2.4)

Science – Daily and Seasonal Changes (3.5)

Grade 2:

Science – Properties of Liquids and Solids (1.2, 2.2, 2.3, 3.1,3.2, 3.4)

Science – Air and Water in the environment (2.3, 2.5, 3.3, 3.5)

Social Studies - Heritage and Identity: changing family and community traditions

Social Studies - People and environments: global communities

Grade 3:

Science – Growth and Changes in Plants (2.4, 3.1, 3.2, 3.3, 3.4, 3.5)

Social Studies - Heritage and Identity: Communities in Canada, 1780-1850

Social Studies - People and Environments: living and working in Ontario

Grade 4:

Science – Habitats and Communities (3.3)

Social Studies - Heritage and Identity: early societies, 3000 BCE - 1500 CE

Social Studies - Ways of life relationships with the environment

Social Studies - Characteristics of early societies

Grade 5:

Science – Properties of and Changes in Matter (1.1, 3.2, 3.3, 3.4)

Grade 5: Social Studies - Heritage and Identity: interactions of Indigenous peoples and Europeans prior to 1713, in what would eventually become Canada

Grade 6:

Science – Biodiversity (1.2, 3.2, 3.6)

Grade 6: Social Studies - Diversity, inclusiveness, and Canadian identities

Grade 6: Social Studies - The perspectives of diverse communities

*Curriculum connections are still in a partially complete state and not all connections are listed here.
This section will be updated as we are able.