

# LIFE SYSTEMS AND LIVING THINGS

Grades 1-2

## OVERVIEW/PURPOSE

This interactive program will explore the shared needs of life of plant, animal and human past and present. Emphasis will be put on relating the then and now.

## COMPONENTS:

### Pre-Activities:

- a. Early Ontario and the Environment Video
- b. Longhouse Tour Interactive Google Slide
- c. Shared needs Activity

### Live Segment:

- d. Archaeological artifact exploration focused on materials and shapes
- e. Daily Life in a Longhouse Village Activity
- f. Maize, beans, and squash Drawing Activity

### Post-Activities:

- g. Daily life in the village interactive worksheet
- h. Shared Needs quiz
- i. Artifact Sorting Activity (by material)

### Learning Objectives:

By the end of this program, students will be able to:

- Outline the basic needs of living things.
- Compare the environment and resources of past people in Southwestern Ontario with our current environment and resources.
- Apply geometric shapes to conduct archaeological artifact exploration.
- Categorize artifacts based on material.
- Outline the life cycle of maize, beans, and squash.

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## CURRICULUM CONNECTIONS

### Grade 1

**Social Studies:** Heritage And Identity: Our Changing Roles And Responsibilities (A2, A3)

**Social Studies:** People And Environments: The Local Community (B2)

**Mathematics:** Geometric and Spatial Reasoning (E1)

**Science:** Understanding Life Systems: Needs and Characteristics of Living Things

**Science:** Understanding Structures & Mechanisms: Materials, Objects, and Everyday Structures

**Science:** Understanding Earth And Space Systems: Daily & Seasonal Changes

### Grade 2

**Social Studies:** Heritage And Identity: Changing Family And Community Traditions (A2)

**Social Studies:** People And Environments: Global Communities (B1, B2, B3)

**Mathematics:** Data (D1)

**Science:** Understanding Earth And Space Systems: Air & Water in the Environment