



Grade One - Plants (Core) Overview

In this unit the students will compare various native prairie plants and the parts of those plants. They will discuss how each part helps to meet the needs of the plant. They will learn how plants are adapted to their surroundings in the native prairie, and the importance of plants to humans and animals.

<i>Saskatchewan Learning Objectives</i>	<i>Lesson and Activity Correlation</i>
1.0 Compare various plants and plant products.	Lesson 3 Project WILD: <i>Water Plant Art</i>
1.1 Identify similarities and differences among plants.	Lesson 3
1.2 Identify the roots, stems, leaves, and flowers of plants.	Lesson 2, Lesson 3
1.3 Compare and classify plants using characteristics of their leaves.	Lesson 3
1.4 Compare the root systems, the flowers, and the stems of several plants.	Lesson 3
1.5 Describe some seasonal changes in plants.	
1.6 Identify foods which come from plants.	Lesson 5 Project WILD: <i>Quick Frozen Critters; The Thicket Game</i>
1.7 Recognize some products other than foods which come from plants.	Lesson 5 Project WILD: <i>Quick Frozen Critters; The Thicket Game</i>
2.0 Describe the functions of the various parts of plants.	
2.1 Identify basic plant needs.	Lesson 1 Project WET: <i>The Life Box</i>
2.2 Match each need of a plant with the part(s) which supply that need.	
2.3 Observe and describe some plant habitats.	Lesson 1, Lesson 4 Project WILD: <i>Everybody Needs a Home; Habitat Lap Sit; Environmental Barometer, Learning to Look, Looking to See</i>
2.4 Discuss how the varying needs of plants suit them to different habitats.	Project WILD: <i>Habitat Lap Sit</i>

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Overview (cont.)

The following concepts are covered in this module:

Lesson One: The Basic Needs of Plants

Through a variety of hands-on and inquiry based activities the students will discover that plants and animals both need air, water, earth and sunlight to live.

Objectives covered:

- 2.1 Plants and animals have four basic needs in common (air, water, earth, sunlight).
- 2.3 People, animals and plants share a basic need to have a home.

Extensions:

Project WILD: *Everybody Needs a Home; Habitat Lap Sit*

Project WET: *The Life Box*

Lesson Two: Roots, Stems, Leaves and Flowers of the Native Prairie Plants

Using the Saskatchewan Watershed Authority website the teacher will introduce pictures of some of the native prairie plants. Students will discover through the pictures, as well as the plant information cards, how to identify the different plants by their flowers, leaves, stems and roots.

Objectives covered:

- 1.2 Identify the roots, stems, leaves and flowers of plants.

Lesson Three: Similarities and Differences among Prairie Plants

Students will use pictures and plant cards to identify and compare the parts of native plants of the Prairie ecosystem.

Objectives covered:

- 1.0 Compare 3 kinds of native prairie plants: flowering plants, grasses, and woody plants.
- 1.1 Identify similarities and differences among plants.
- 1.2 Identify the roots, stems, leaves, and flowers of plants.
- 1.3 Compare and classify plants using characteristics of their leaves.
- 1.4 Compare the root systems, the flowers, and the stems of several plants.

Lesson Four: Plant Habitats

In a variety of indoor and outdoor activities children will learn to look at the world they live in. They will be introduced to the words species and ecosystem as they investigate the playground or nearby prairie grasslands.

Objectives covered:

- 2.3 Observe and describe some plant habitats.

Extensions:

Project WILD: *Learning to Look, Looking to See; Environmental Barometer*

Lesson Five: Identifying Plants and Plant Products

In this series of activities the students will learn that plants are used for food, shelter, fabric dyes, mats and baskets as well as in traditional medicines.

Objectives covered:

- 1.6 Identify foods which come from some native prairie plants.
- 1.7 Recognize some products other than foods which come from plants.

Extensions:

Project WILD: *Quick Frozen Critters; The Thicket Game*