

# Unit 2: Science/Plants/Kindergarten

Content Area: **Science**  
Course(s): **Science K**  
Time Period: **Generic Time Period**  
Length: **Fall and Spring**  
Status: **Published**

## Established Goals/Standards

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Please choose the appropriate Goals/Standards from the Standards tab above.

SCI.K-2.5.2.2.A.1	Sort and describe objects based on the materials of which they are made and their physical properties.
SCI.K-2.5.3.2.A.1	Group living and nonliving things according to the characteristics that they share.
SCI.K-2.5.3.2.B.1	Describe the requirements for the care of plants and animals related to meeting their energy needs.
SCI.K-2.5.3.2.B.3	Explain that most plants get water from soil through their roots and gather light through their leaves.
SCI.K-2.5.3.2.C.2	Identify the characteristics of a habitat that enable the habitat to support the growth of many different plants and animals.
SCI.K-2.5.3.2.D.1	Record the observable characteristics of plants and animals to determine the similarities and differences between parents and their offspring.
SCI.K-2.5.3.2.D.2	Determine the characteristic changes that occur during the life cycle of plants and animals by examining a variety of species, and distinguish between growth and development.
SCI.K-2.5.4.2.E.1	Describe the relationship between the Sun and plant growth.

## Essential Questions

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Please add your Essential Questions by clicking on the Lists tab above.

- How do organisms change as they go through their life cycle?
- How do the parts of living things help them survive?
- What do all living things have in common?
- What do living things use to survive?

## Enduring Understanding

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Please add your Enduring Understandings by clicking on the Lists tab above.

- All life needs water and food to live.
- Living things grow and change.
- Organisms reproduce, develop and have predictable life cycles and pass on some traits to their offspring.
- Parts of an organism are put together to form a whole.

## **Content**

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Lwbat sort and describe objects based on the materials of which they are made and their physical properties.

Lwbat group living and non-living things according to the characteristics that they share.

Lwbat describe the requirements for the care of plants and animals related to meeting their energy needs.

Lwbat explain that most plants get water from soil through their roots and gather light through their leaves.

Lwbat identify the characteristics of a habitat that enable the habitat to support the growth of many different plants and animals.

Lwbat observe seasonal changes in the life of plants/trees.

Lwbat trees/plants are a resource. They are useful to people and other animals.

Lwbat observe that trees/plants have identifiable structures that serve different functions.

Lwbat draw pictures of their observations and participate in classroom discovery.

## **Resources**

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Promethean Planet

Encarta

United Streaming

Brain Pop

Silver Burdett Ginn Science Discovery Works

The Wonder World of Science

Experiments/Observations/Journals

Planting Materials

Treasure's Cross Curricular Lessons

Non-Fiction Science leveled readers

Non-Fiction Books from school library

National Geographic for Kids

**Assessment**

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