



Spring 2018 Grade 2 Objectives

Observation in classrooms: Week of February 12th

Lesson 1 - Week of February 26th, 2018

Title: Seed Dissection

TEKS: 2.9 Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environment. The student is expected to:

(A) identify the basic needs of plants and animals

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(B) observe, record, and compare how the physical characteristics of plants help them meet their basic needs such as stems carry water throughout the plant.

Objectives:

1. The student will identify plants as living things and name the essential needs of plants (water, food, air, light).
2. The student will identify the basic parts of a plant seed and characteristics that help meet its basic needs.
3. The student will know that seeds can eventually become a plant.
4. The student will dissect a germinating bean seed.

Lesson 2 - Week of March 5th, 2018

Title: Seed Dispersal

TEKS: 2.9 Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environment. The student is expected to:

(A) identify the basic needs of plants and animals; and

(B) identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things;

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(B) observe, record, and compare how the physical characteristics of plants help them meet their basic needs such as stems carry water throughout the plant.

Objectives:

1. Students will predict and examine the structures that aid in seed dispersal.
2. Students will compare and contrast seeds to organize them into groups by their characteristics.
3. Students will categorize provided seed samples into groups based on their method of seed dispersal.

Week of March 12th, 2018 - Spring Break, not going to schools

Lesson 3 - Week of March 19th, 2018

Title: Bird Feet

TEKS: 2.9 Living organisms have basic needs to survive in their environment

(A) Identify the basic needs of plants and animals

2.10 Organisms and environment: The student should know that organisms resemble their parents and have structures and processes that help them survive within their environments. The students will be expected to:

(A) Observe, record, and compare how the physical characteristics and behavior of animals help them meet their basic needs (i.e fins helping fish move and balance in water)

Objectives:

1. The students will observe and sort bird feet according to their characteristics.
2. The students will compare and identify environments that are optimal for different types of bird feet.

Lesson 4 - Week of March 26th, 2018

Title: Beaver Dams

TEKS: 2.9 Living organisms have basic needs to survive in their environment

(A) identify the basic needs of plants and animals;

(B) identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration ... of living things

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs such as fins help fish move and balance in the water

Objectives:

1. Students will observe and describe the physical characteristics of an environment and how they support populations and communities within an ecosystem.
2. The students will discuss the modifications that beavers make to their environment to survive environmental changes.

Lesson 5 – April 2nd, 2018

Title: Research and Wiggle-Worms

TEKS: 2.9 Living organisms have basic needs to survive in their environment

(A) identify the basic needs of plants and animals;

(B) identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration ... of living things

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs such as fins help move and balance in the water.

Objectives:

1. Students will explore current research on earthworms and related species related to basic needs.
2. Students will observe, record, and compare how the physical characteristics and behaviors of animals that wiggle help them meet their basic needs

Week of April 9th, 2018 - No school visits - STARR Reading and Mathematics

Lesson 6 – April 16th, 2018

Title: The Buzz on Bees

TEKS: 2.9 Organisms and environments. Living organisms have basic needs to survive in their environment.

(A) identify the basic needs of plants and animals;

(C) compare and give examples of the ways living organisms depend on each other and on their environments such as food chains within a garden, park, beach, lake, and wooded area.

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) observe, record, and compare how the physical characteristics of animals help them meet their basic need

Objectives:

1. The students will explore a bee's role in the environment as it relates to flower reproduction.
2. Students will differentiate between seed dispersal and pollen dispersal.

Lesson 7 – April 23rd, 2018

Title: Butterflies from 2014 or Butterfly Wings and Cricket Life Cycles from 2013

TEKS:

2.10 Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(C) Investigate and record some of the unique stages that insects undergo during their life cycle

Objectives:

1. Students will be able to identify life cycle stages of butterfly and compare to the life cycle of bees.
2. Students will describe important structures that help these organisms survive each life cycle stage.

Week of April 30th- 2018 - Make up week for lesson missed due to testing or holiday