

## 1<sup>st</sup> Grade

# “Plants and Animals Are Buddies” (2 hours)

## FIELD TRIP OVERVIEW

**Theme: Plants and animals in the Sonoran Desert are dependent on each other for survival.**

### Desired Outcomes

Students will be able to:

1. Identify the Sonoran Desert as the habitat in which they live
2. Describe that a habitat is made up of the space where an organism can find the food, water and shelter it need to survive
3. Recognize that other living things live in their habitat.
4. Explain that living things rely on other living things for their survival.
5. Predict what would happen if one of the buddies was not present in the habitat.
6. Identify some plants and animals that exist in the local environment.
7. See themselves as buddies to the local plants and animals

### Standards

Science – Strand 1: Inquiry Process– Concept 1, Observations, Questions, and Hypotheses

PO 1. Compare common objects using multiple senses

PO 2. Ask questions based on experiences with objects, organisms, and events in the environment

**PO 3. Predict results of an investigation based on life, physical, and Earth and space sciences (e.g., animal life cycles, physical properties, Earth materials)**

Science – Strand 1: Inquiry Process – Concept 2: Scientific Testing

**PO 2. Participate in guided investigations in life science**

PO 3. Use thermometers to collect data

Science – Strand 1: Inquiry Process – Concept 3: Analysis and Conclusions

**PO 2. Compare the results of the investigation to predictions made prior to the investigation.**

Science - Strand 1: Inquiry Process – Concept 4: Communication

PO 1: Communicate the results of an investigation using pictures and/or words

Science- Strand 3: Science in Personal and Social Perspectives – Concept 2: Science and Technology in Society

PO 2. Describe how suitable tools (e.g., magnifiers, thermometers) help make better observations and measurements

Science – Strand 4: Life Science – Concept 3: Organisms and Environments

**PO 1. Identify some plants and animals that exist in the local environment**

**PO 3. Describe how plants and animals within a habitat are dependent on each other**

Math-

**1.NBT.A.1 Count to 120 by 1's, 2's, and 10's starting at any number less than 100. In this range, read and write numerals and represent a number of objects with a written numeral.**

ELA -

1.RL.2: Retell stories, including key details, and demonstrate understanding of their central message or lesson.

1.SL.1: Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

1.SL.1.a: Follow agreed-upon rules for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion).

1.SL.1.b: Build on others' talk in conversations by responding to the comments of others through multiple exchanges.

1.SL.1.c: Ask questions to clear up any confusion about the topics and texts under discussion.

Desert Botanical Garden Sonoran Desert Adventures

- 1.SL.2: Ask and answer questions about key details in a text read aloud or information presented orally or through other media.
- 1.SL.4: Describe people, places, things, and events with relevant details, expressing ideas and feelings clearly.