



**Toad-ally Good Habitat
Schoolyard Field Trip
2nd/3rd Grade**

Overview

In this two-hour and fifteen-minute Schoolyard Field Trip, students will learn about the New Mexico spadefoot toad, a species that spends most of the year underground. Through soil analysis and temperature data collection, they will investigate if the schoolyard is a good spadefoot toad habitat and consider when and where spadefoot toads might be found in the schoolyard.

Phenomenon Could there be Spadefoot toads living in our schoolyard?

Next Generation Science Standards

Asombro lessons are aligned with the three-dimensional learning model of the Next Generation Science Standards.

Science and Engineering Practices	Disciplinary Core Ideas	Crosscutting Concepts
Engaging in Argument from Evidence	PS1.A Structures and Properties of Matter	Patterns
Planning and Carrying out investigations	LS4.D Biodiversity and Humans	Scale proportion and quantity
Analyzing and Interpreting Data	LS1.B Growth and Development of Organisms (3 rd)	

Common Core State Standards

MATH.CONTENT.2-MD-A1 - Measure the length of an object by selecting and using appropriate tools such as, rulers, yardsticks, meter sticks, and measuring tapes.

MATH.CONTENT.2-MD-D9 - Generate measurement data by measuring lengths of several objects to the nearest whole unit.

MATH.CONTENT.3.MD.B.4 Generate measurement data by measuring lengths with rulers marked with halves and quarters of an inch.

LITERACY.2/3-RL-1 - Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.

LITERACY.2/3-SL-3 - Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue.

LITERACY.L.3.3A- Choose words and phrases for effect

Asombro Schoolyard Field Trip Plan

We are so excited for our schoolyard field trip! We will be spending two hours and fifteen minutes outdoors with you and your students. Here are a few things you can do to help us ensure a successful trip:

Getting Ready:

1. Help us identify places in the schoolyard we should and should not use during the field trip.

Places to avoid	Places we love!
• Traffic • Construction • Play structures (unless we are collecting data there) • Places where other students will be having recess or P.E.	• Shade (unless it's a chilly day) • Grass • Picnic tables • Outdoor classroom spaces

2. Remind students to dress for the weather.
3. Give students time to go to the bathroom before coming outside.
4. Allow students to bring a water bottle outside with them if they want.

During our Schoolyard Field Trip:

1. If a student needs to go inside for the bathroom or another need during the field trip, please send them. We ask that you stay with us and the class as much as possible.
2. If you see your class getting restless because of the heat or cold, let us know and we will adjust.
3. Participate in activities and help students who need support. Let us know if you have class norms that will help us lead your students.
4. *We have four 25-minute activity stations prepared, one of which YOU will be leading. Please read through the attached activity plan.*

Program Schedule: Teachers will remain with their classes. Classes will rotate between stations. Transition time is included.

Introduction	15 minutes
Station 1	25 minutes
Station 2	25 minutes
Station 3	25 minutes
Station 4	25 minutes
Wrap Up	15 minutes