



WHAT DO ANIMALS NEED? LESSON 3

FLOWERPOT HABITAT

Teacher

SUBJECT: English Language Arts, Science, Math

SKILLS: Counting, making observations, recording data

MATERIALS

- Computer/tablet/phone
- FLIPGRID Challenge: Flowerpot Activity
- Flowerpot Habitat directions 3.1 and Student Sheet 3.2
- Discovery Kit Materials: Flowerpot, seeds, soil, Sharpies

COMMON CORE STANDARDS (CCSS)

ENGLISH LANGUAGE ARTS

- 1.SL.5** Add drawings to other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings.
- 1.SL.6** Produce complete sentences when appropriate to task and situation.

MATHEMATICS

- 1.OA.1** Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing with unknowns in all positions, by using objects, drawings and equations with a symbol for the unknown to represent the problem.
- 1.OA.2** Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

SCIENCE (OHIO LEARNING STANDARDS)

- 1.LS.1** Living things have basic needs, which are met by obtaining materials from the physical environment.
- 1.LS.2** Living things survive only in environments that meet their needs.

ESSENTIAL QUESTIONS

1. How does a habitat meet the needs of animals?
2. How do scientists use data?



I CAN STATEMENTS (LEARNING OBJECTIVES)

1. I can use drawings to clarify ideas.
2. I can identify the needs of living things.

LINKS

- **Slug Science Journeys Homepage** <https://www.miamicountyparks.com/node/1255>
- **What Do Animals Need Video** <https://vimeo.com/videobranch/review/415261508/a7df034ecd>

ACTIVITY

Build a Habitat: Flowerpot Activity

Professor Airy Larry challenges the students to create an outside habitat with a flowerpot. Student will create the habitat, record their findings of what animals move into this habitat and show how the requirements of food, water and shelter are being met. Then students will draw or attach a photo. Students should also complete the **FLIPGRID Science Challenge: Flowerpot Habitat**.

MATH ACTIVITY

Students daily check under their flowerpot daily and record the number of living animals found underneath the pot. The daily count will be recorded on the provided student sheet in the chart. The student can use hash marks then convert to numbers. After the experiment ends, the student will answer the word problems on the bottom of the student sheet. What is the total number of animals found on days one and two? What day did you find the least animals? What day did you find the most animals? What is the total number of living animals you found during your week of observation?

EVIDENCE OF ACTIVITY

Students will submit the student sheet 3.2 and complete the **FLIPGRID Challenge: Flowerpot Habitat**.