

Name _____



Hands-On Activity

Compare Land Habitats

Explore Online

Materials

Ask a Question

Why do certain plants and animals live in certain places?

Test and Record Data

Step 1



Make observations about plants and animals within or across habitats.

Step 2

Record your observations.

Children should record their observations.

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Hands-On Activity

small groups 80 minutes

Compare Land Habitats



Have children go online to watch a video about setting up and doing the activity.

3D Learning Objective

SEP Asking Questions and Defining Problems

Read the title of the activity aloud with children. Then have them generate questions. Record their questions. Discuss the questions as a class and prioritize them in order of relevance to the activity. **Sample question:** Why do certain plants and animals live in certain places?

Suggested Materials books and fact cards about animals, pencils, markers, posterboard or white construction paper



Materials Alert Use flattened cardboard boxes for posterboard.

Preparation

Assemble materials bundles for groups.

SEP Planning and Carrying Out Investigations

Activity

STEP 1 Monitor groups as they discuss habitats they want to explore and compare. Be sure that all group members are included in planning. Make sure there is a wide variety of habitats selected across the class as well as different plants and animals to use for the final comparison.

STEP 2 Guide children as they gather information and record their observations.

Hands-On Activity, continued

STEP 3 Guide children, as needed, in a review of all habitats, plants, and animals in the class exhibit. **Ask:** How are these animals alike? How are they different? **Answers will vary.**

CCC Patterns

STEP 4 Children should analyze the results and look for patterns. Guide them to understand that plants and animals in the variety of habitats all share a pattern of living in places where they can obtain what they need to survive.

Claims, Evidence, and Reasoning

Children should make a claim that plants and animals live in certain habitats because they can find what they need to live in them. They should cite evidence to support their claim. **Ask:** How does your evidence support your claim? What is your reasoning? **Sample answer:** My claim is that plants and animals live in habitats where they can find what they need to survive. My evidence is the different animals that live in savanna and forest habitats. For example, a woodpecker can live in a forest tree and eat insects. But it cannot live in a burrow and eat grass like a springhare.

Step 3

Compare the plants and animals in each habitat. Identify how they are alike and different.

	Both	
Check children's work.		

Step 4

Analyze your results. Identify patterns.

Answers should identify patterns within or across the habitats the children made observations about.

Make a claim that answers your question.

Plants and animals live in certain habitats because they get what they need there.

What is your evidence?

Answers should cite evidence from children's observations and comparisons.

CALIFORNIA

Scoring Rubric for Hands-On Activity

3	States a claim that clearly and directly explains why certain plants and animals live in certain places and is supported with evidence
2	States a claim that clearly and directly explains why certain plants and animals live in certain places and is somewhat supported with evidence
1	States a claim that clearly and directly explains why certain plants and animals live in certain places but is not supported with evidence
0	Does not state a claim and does not provide evidence