



Interdependence

Suggested Grade Level: Second Grade

Materials

- Book-*The Little Acorn* by Christa Kauble
- Graphic organizer
- Pencil

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- Science-Characteristics and Interactions of Living Organisms 1.A.a.b.-Identify the basic needs of most animals. Identify the basic needs of most plants.

Measurable Objective

The students will complete a graphic organizer listing at least 3 of the 4 items an animal needs to survive and at least 3 of the 4 items a plant needs to survive.

Anticipatory Set

- Read the book, *The Little Acorn*.
- Discuss the essential things that plants and animals need: shelter, food, water, and space.
- Inside the classroom or outside, create groups of 4 students. Label each student in the group as food, shelter, water, or space. Explain to the students that they all work together to form a healthy habitat.
- Have teams interlock arms to form a habitat chain. On the teacher's signal, have the habitat teams move around.
- If the chain breaks, the team is out. Stop the game after 1 minute.
- Ask the students why they came apart. Were they working together as a chain?
- Introduce a threat (pollution, drought, etc.). Play another round having the students try to avoid the threat.
- If the threat tags, for example, "water" then the whole team is out. If the chain breaks, the team is out. The last team remaining is the healthiest.



- Discuss again that it takes all the pieces to keep plants and animals healthy and that they depend on each other like in the book, *The Little Acorn*.
- The students will complete a graphic organizer listing at least 3 of the 4 items an animal needs to survive and at least 3 of the 4 items a plant needs to survive.

Instructional Input

- Prior knowledge: Understanding of terms—habitat, shelter; using a graphic organizer

Materials

- Listed above

Procedure

1. Read the book, *The Little Acorn*.
2. Play the habitat chain game.
3. The students will complete a graphic organizer listing at least 3 of the 4 items an animal needs to survive and at least 3 of the 4 items a plant needs to survive.

Modeling

- Model the game procedures and discussion of plants and animals needs.

Check for Understanding

- Observe conservation during the game.
- Check to see that a completed graphic organizer is done by each student.

Guided Practice

- Discussion and playing the chain game



Independent Practice

Each student completes a graphic organizer of the needs of plants and animals.

Closure

Have students investigate plants and animals at home and notice what they need and how they depend on each other.

Evaluation

Completed graphic organizer listing at least 3 of the 4 things plants need and at least 3 of the 4 things that animals need.

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May 2010