

Questivities™ - New Plant

Directions

- Answer the Questivities™ Thinking Questions and the Active Questions before doing the Project Activity.

Common Core Standards

Writing (Grades 3-5) – Research to Present and Build Knowledge

7. *Conduct short research projects that build knowledge about a topic.*

Anchor Standard: Writing – Production and Distribution of Writing

4. *Produce clear and coherent writing in which the development, organization and style are appropriate to task, purpose and audience.*

Anchor Standard: Reading – Integration of Knowledge and Ideas

7. *Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.*

Project Activity

Invent a new plant.
Make a diorama with your new plant in the habitat where it would best survive. Label all parts of the plant. In your diorama, show detailed parts of the habitat. Write a short report about your new plant (about 10 sentences) that includes its needs, habitat, and functions.

Assessment Mini-Rubric for the Project Activity

1. Follows Diorama criteria card
2. New plant has at least four distinct parts and each part is labeled
3. Habitat is appropriate for the plant
4. Clear and coherent writing that explains needs, habitat, and functions of plant
5. Has bibliography citing at least three informational texts

Project Questions

How are all plants alike? How are they different?

Why is it important for plants to be in specific surroundings or locations?

Questivities™ Thinking Questions

1. List as many plants and flowers that you can think of.
2. Compare/contrast a pine tree and a blooming azalea bush.
3. What would happen if no trees, bushes, or flowers ever bloomed?
4. Would you rather be an apple tree or a tulip? Why?
5. How would you feel if there were no trees on Earth, and we only had bushes, shrubs, and flowers? Explain your opinion.
6. Why do plants grow in some climates, locations, and habitats but not in others?
7. How are you going to design a useful, new plant? How will it benefit people and /or animals? How will it fit into the habitat you choose for it?

Active Questions

Make a list of questions a **bumble bee** might ask a **flower**.

Make a list of questions a **fern** might ask **poison ivy**.