

Lesson Plan Template

Topic: Seeds and Plant Life

NSES: Content Standard C – Life Science K-4

SOL: 1.4 The student will investigate and understand that plants have life needs and functional parts and can be classified according to certain characteristics.

Daily Question: What are seeds?

What are similarities and differences between different seeds?

Date: March 18, 2007

Grade Level: First Grade

Subject: Life Processes

Procedures for Learning Experience	Guiding Questions	Materials Needed	Evaluation (Assessment)	Approximate Time Needed
<p>Engagement:</p> <p>The teacher gathers the class into a group and holds out a container full of different types of seeds (edible and non-edible). She asks a few questions to gauge the knowledge of the class prior to the activity.</p>	<p>“What do I have in the container?”</p> <p>“What do you notice about the objects?”</p>	<ul style="list-style-type: none"> • Plastic container • Assorted types of seeds (enough to give each student a small cupful) 	<p>Evaluation of students’ prior knowledge of seeds based on answers to questions.</p>	<p>5 Minutes</p>
<p>Exploration:</p> <p>The students are each given a small cup of seeds to sort and classify based on colors, size, and shapes. The students will use a sheet of paper that is made into a graph to sort the different seeds. Students can draw, glue, or tape their seeds into place for each category on the graph axis. The students will then use crayons to color in the boxes and form a bar graph for their collection of seeds.</p>	<p>“What differences do you see between the seeds?”</p> <p>“In what ways are some seeds similar to other categories?”</p>	<ul style="list-style-type: none"> • Small cups • Seeds • Hand-out table for seed sorting • Crayons 	<p>The table of sorted seeds will show the students’ ability to classify seeds.</p>	<p>20 Minutes</p>
<p>Explanation:</p> <p>Next the class will share their sorted seeds to show the differences they found. Create a class graph based on regroupings. The</p>	<p>“How can we be sure an object is a seed?”</p> <p>“Where are</p>	<ul style="list-style-type: none"> • Lima bean soaked in water so that the seed coat can be slipped off and the 	<p>Student participation in discussion and the completed tables of seeds.</p>	<p>20 Minutes</p>