

Flowering and Conifer Lesson Plan

Teacher
School

Date

SLE # NS.1.2.1: Communicate observations orally, in writing, and in graphic organizers: *T-charts, NS.1.2.4: Conduct scientific investigations individually and in teams, LS.2.2.4: Compare different types of flowering plants and conifers

Objectives:

Content: I will be able to communicate observations orally, in writing, and in graphic organizers by using a T-Chart. I will be able to conduct scientific investigations individually and in teams while sorting my cards. I will be able to compare different types of flowering plants and conifers by sorting my cards into 2 groups.

Language: I will be able to use scientific vocabulary accurately while working in my group by using the terms “conifer” and “flowering”.

Assessment: Teacher will grade students based on their glued pictures and their T-charts.

Technology/Materials: Glue sticks, T-Chart, pictures of Flowering and Conifer plants

Vocabulary: Flowering, plants, conifer, T-Chart, Investigate

Bloom's: ☒ Remembering ☒ Understanding ☒ Applying ☒ Analyzing ☐ Evaluation ☐ Creating

Questions: How would you describe a Christmas tree? What type of tree do you think a Christmas tree is? What are on Christmas Trees? Are there leaves on it? Describe a sunflower. What are some characteristics about it that a Christmas Tree does not have?

High Yield Strategies: ☒ Identifying similarities & Differences ☐ Summarizing & Note Taking ☒ Cooperative Learning
☒ Reinforcing Effort & Providing Recognition ☒ Setting Objectives & Providing Feedback ☐ Generating & Testing Hypotheses
☒ Cues, Questions & Advanced Organizers ☐ Homework & Practice ☒ Nonlinguistic Representations

Instructional Strategies:

Set: Teacher will start lesson by asking questions listed above. Then they will show a flowering plant and a conifer. Ask students to make observations about each one. Have them record into a T-Chart.

Model: Teacher will explain and help guide students to understand that flowering plants/trees and conifers have different life cycles. Teacher can show Flowering and Conifer Life Cycle charts. Teacher will reinforce main ideas that flowering plants have a life cycle that they are born, reproduce, and die while conifers use their cones to make seeds and are evergreens.

Guided Practice/Strategies: Teacher and students will make a T-Chart together complete with characteristics or examples of Flowering Plants and Conifers.

Intervention Strategies: Teacher will walk around room to help students. Teacher can also group pictures for students or remove a few cards to help student.

Accommodations & Modifications (IEPs) Teacher can have certain students group only 1 type of plant or remove some of the cards. Teacher can also have the students draw what the plants look like instead of listing characteristics in T-Chart.

Independent Practice/Activities: Teacher will pass out blank T-Chart paper and flowering and conifer pictures. Students will then punch out cards and glue them into the column they think the picture fits into.

Enrichment Activities:

Closure: Have students journal about the following questions: What will you look for on a tree when you want to classify it? Which type of tree will have a cone? Which type of tree will have buds?

Homework:

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