

Tree Graphing

Suggestion: To complete this lesson, you will need a beautiful fall day so that you and your students can go outside to explore the trees on your tree's campus.

Materials

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| <ul style="list-style-type: none">• Book/YouTube
How Do You Know Its Fall Book | <ul style="list-style-type: none">• Crayons- students need two different colors to complete the graph. |
| <ul style="list-style-type: none">• Tally Marks Handout | <ul style="list-style-type: none">• Tree Graphing Handout |

Objectives

- I can differentiate between deciduous and evergreen trees.
- I can create a graph using data I collected in the field.
- I can restate and answer questions based on evidence I gathered in the field.

Anticipatory Set

Share with your students that fall is a time for change. Ask students to share the changes they would see in fall.

Responses may include: leaves changing color, the weather getting colder, leaves falling from the trees.

Introduction

Read the book *How Do You Know It's Fall* by Lisa M. Harrington to your students. Ask your students to share more ways they can recognize the season of fall.

- Don't have a copy of the book? No problem!

 **YouTube** - [YouTube Book Link](#)

Guided Practice

Share with your students that just like we don't see all of the changes that represent fall in our community, we also don't see all of our trees losing their leaves.

Explain to students that the trees that lose their leaves in the fall and winter are **deciduous trees** and that those that keep their leaves year-round are **evergreen trees**.

Next, take your students outside to look at the trees on your school's campus. Point out a deciduous tree and an evergreen tree to your students, discussing the defining characteristics of each.

Independent Practice

Break your students into groups and have them walk the grounds using their tally sheet to record the number of deciduous and evergreen trees that they see.

After returning to the classroom, have students use the numbers they gathered to answer the questions and complete the graph on the “Tree Graphing” handout. Encourage them to restate and answer.

Closure

Have students share their graphs and results with their classmates.

Ask students to think about the trees they see on their way home and report back on whether their community has more deciduous or evergreen trees.

Tree Graphing



Evergreen Trees are green all year long.



Deciduous Trees drop their leaves as the weather gets cool.

12		
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1		

**Deciduous
Trees**



**Evergreen
Trees**



How many deciduous trees did you see?

How many evergreen trees did you see?



We know that evergreen and deciduous trees are different, but they are also similar in many ways.

What similarities did you notice between the evergreen and deciduous trees?

Name: _____

 <p>Evergreen Trees GREEN ALL YEAR ROUND</p>	<p>TALLY MARKS</p>
 <p>Deciduous Trees DROP THEIR LEAVES AS THE WEATHER GETS COOL</p>	<p>TALLY MARKS</p>

Name: _____

 <p>Evergreen Trees GREEN ALL YEAR ROUND</p>	<p>TALLY MARKS</p>
 <p>Deciduous Trees DROP THEIR LEAVES AS THE WEATHER GETS COOL</p>	<p>TALLY MARKS</p>

Thanks for downloading!

Please check out batonrougegreen.com/programs/canopy_kids
for more awesome tree related information and lessons.