

IDENTIFYING TREES INDIGENOUS TO MONMOUTH COUNTY, NJ

GRADE 3

COPY OF LESSON PLAN

Trees

NJ Trees Scavenger Hunt

[Scheduled to be taught on 06/04](#)

Standards

03.MD.02, Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l).6 Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.

1.21 Grade 3 CPI 3.1, Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.

1.21 Grade 3 CPI 3.2, Use evidence to support the explanation that traits can be influenced by the environment.

Objective

SWBAT complete an internet scavenger hunt searching for trees indigenous to New Jersey and complete a recording sheet categorizing the types of trees and their attributes.

Essential Questions

What trees are indigenous to New Jersey (Monmouth County)?

Anticipatory Set/Direct Instruction

-Book read-aloud on Youtube: <https://www.youtube.com/watch?v=c5p-fuvUYBM>

-Visuals/Vocabulary

Learning Activities

1. Students will research the Internet for trees indigenous to New Jersey; Monmouth County specifically.
2. Based on the students' findings, they will complete a recording sheet categorizing the types trees and the following information: tree, leaf type, deciduous/coniferous (evergreen), seed.
3. Leaf Sorting/Leaf Rubbing Activity to be completed and uploaded to Seesaw or Class Dojo as a picture.
4. **Extension:** To promote and incorporate cross-curriculum, Math specifically, the students will find the weight of leaf/needle, and/or seed pod (acorn/pine cone)

Closure

-Students will turn in (electronically) their findings noted on the recording sheet and leaf sorting/leaf rubbing activity.

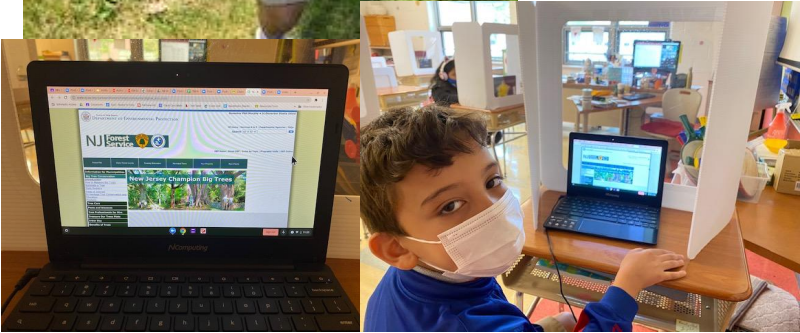
STANDARDS ADDRESSED IN LESSON

SCIENCE: [1.21 GRADE 3 CPI 3.1](#), ANALYZE AND INTERPRET DATA TO PROVIDE EVIDENCE THAT PLANTS AND ANIMALS HAVE TRAITS INHERITED FROM PARENTS AND THAT VARIATION OF THESE TRAITS EXISTS IN A GROUP OF SIMILAR ORGANISMS.

SCIENCE: [1.21 GRADE 3 CPI 3.2](#), USE EVIDENCE TO SUPPORT THE EXPLANATION THAT TRAITS CAN BE INFLUENCED BY THE ENVIRONMENT.

MATH EXTENSION: [03.MD.02](#), MEASURE AND ESTIMATE LIQUID VOLUMES AND MASSES OF OBJECTS USING STANDARD UNITS OF GRAMS (G), KILOGRAMS (KG), AND LITERS (L).⁶ ADD, SUBTRACT, MULTIPLY, OR DIVIDE TO SOLVE ONE-STEP WORD PROBLEMS INVOLVING MASSES OR VOLUMES THAT ARE GIVEN IN THE SAME UNITS, E.G., BY USING DRAWINGS (SUCH AS A BEAKER WITH A MEASUREMENT SCALE) TO REPRESENT THE PROBLEM.

STUDENTS WORKING



Flipgrid

by Stefania De Souza Favarato · June 2, 2021

Leaf Sort

Choose 2 different leaves that you found and record yourself explaining the differences between both of them. You can talk about:

- Their color
- Different sizes
- Different shapes
- Don't forget to identify their names

HAVE FUN!!

Record a Response

9 Responses

43 views · 2 comments · 0.9 hours of engagement

Record a Response

Abisai P
1 day ago

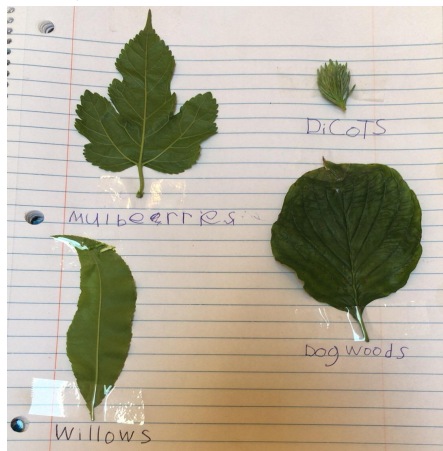
Dereck P
1 day ago

Liam R
1 day ago

Nicolas R
1 day ago

Vinicius
1 day ago
I don't know where they stay LOL

SAMPLES OF STUDENT WORK



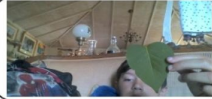
it's green it's
shaped like
hand fig leaf



it's shaped
like a heart
and it's green
grape vine



it looks like it's pointy and
it will hurt you but it wont
and it's green maple leaf



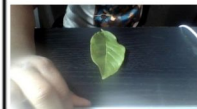
it's green and it's shaped
like a heart northern
catalpa leaf



Sort the Leaves!



This is a
Japanese
spindule it's
from new
jersey the
leaf weight
is 5g



This is a
Black
Tupelo I
found it in
my frount
yard the
leaf weight
is 5g



This is a
Norway
mapple leaf
I found it in
the back
yard the
leaf weight
is 5g



This is a red
oak leaf
tree it's
from new
jersey the
leaf weight
is 5g



Sort the Leaves!



the
red
oak
tree
grows
fast



sometimes
called the
bog or
swamp
bruce

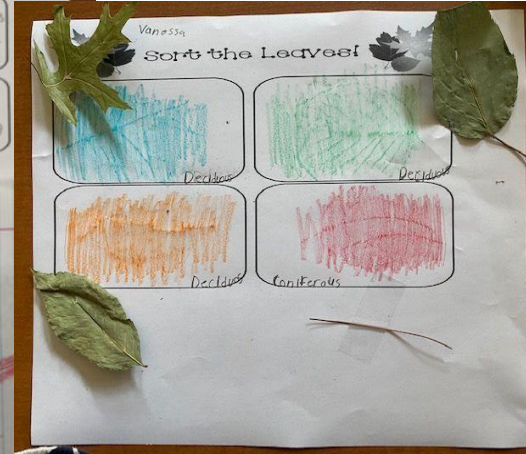
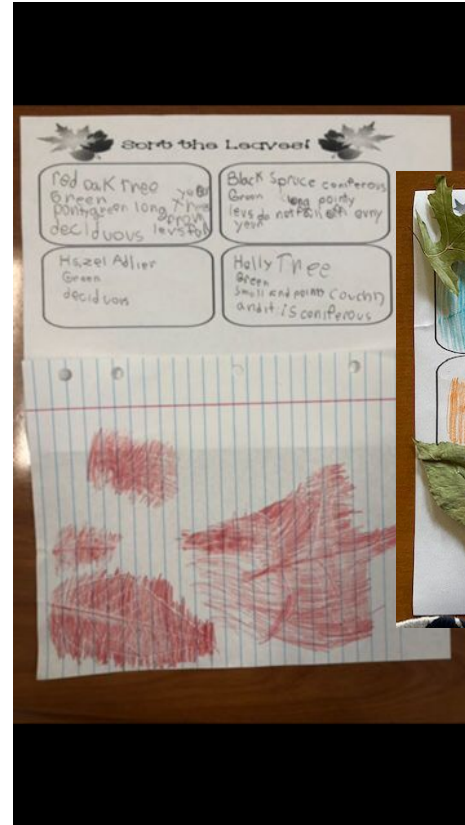
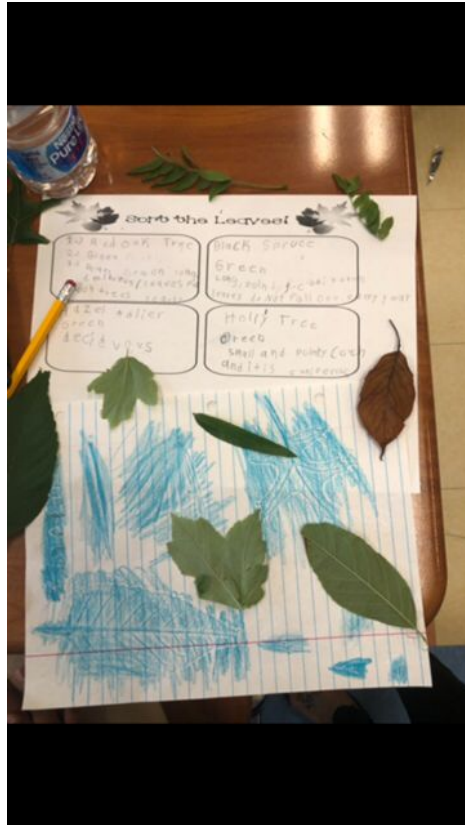


flowering
dogwood
will bloom in
the spring



the sweet
birch has a
red brown
bark

SAMPLES OF LEAF RUBBINGS



SAMPLES GRADED RUBRICS

Name:

Date:

Leaf Key/Rubbing Collection Rubric

Criteria	4	3	2	1
Identify tree leaf rubbings; example: Maple, Oak, Pine...	Identify 4 different leaves from 4 different trees.	Identify 3 different leaves from 3 different trees.	Identify 2 different leaves from 2 different trees.	Identify 1 leaf.
Give characteristics of leaves.	Characteristics of 4 different leaves.	Characteristics of 3 different leaves.	Characteristics of 2 different leaves.	Characteristics of 1 leaf.
Completed "Tree Key"	Included 4 different trees.	Included 3 different trees.	Included 2 different trees.	Included 1 tree.
Included Leaf Weight Data	Included weight data of 4 different leaves.	Included weight data of 3 different leaves.	Included weight data of 2 different leaves.	Included weight data of 1 leaf.

Total Score: 3.25

Name:

Date:

Leaf Key/Rubbing Collection Rubric

Criteria	4	3	2	1
Identify tree leaf rubbings; example: Maple, Oak, Pine...	Identify 4 different leaves from 4 different trees.	Identify 3 different leaves from 3 different trees.	Identify 2 different leaves from 2 different trees.	Identify 1 leaf.
Give characteristics of leaves.	Characteristics of 4 different leaves.	Characteristics of 3 different leaves.	Characteristics of 2 different leaves.	Characteristics of 1 leaf.
Completed "Tree Key"	Included 4 different trees.	Included 3 different trees.	Included 2 different trees.	Included 1 tree.
Included Leaf Weight Data	Included weight data of 4 different leaves.	Included weight data of 3 different leaves.	Included weight data of 2 different leaves.	Included weight data of 1 leaf.

Total Score: 3

Name:

Date:

Leaf Key/Rubbing Collection Rubric

Criteria	4	3	2	1
Identify tree leaf rubbings; example: Maple, Oak, Pine...	Identify 4 different leaves from 4 different trees.	Identify 3 different leaves from 3 different trees.	Identify 2 different leaves from 2 different trees.	Identify 1 leaf.
Give characteristics of leaves.	Characteristics of 4 different leaves.	Characteristics of 3 different leaves.	Characteristics of 2 different leaves.	Characteristics of 1 leaf.
Completed "Tree Key"	Included 4 different trees.	Included 3 different trees.	Included 2 different trees.	Included 1 tree.
Included Leaf Weight Data	Included weight data of 4 different leaves.	Included weight data of 3 different leaves.	Included weight data of 2 different leaves.	Included weight data of 1 leaf.

Total Score: 3.75

Name: [REDACTED]

Date:

Leaf Key/Rubbing Collection Rubric

Criteria	4	3	2	1
Identify tree leaf rubbings; example: Maple, Oak, Pine...	Identify 4 different leaves from 4 different trees.	Identify 3 different leaves from 3 different trees.	Identify 2 different leaves from 2 different trees.	Identify 1 leaf.
Give characteristics of leaves.	Characteristics of 4 different leaves.	Characteristics of 3 different leaves.	Characteristics of 2 different leaves.	Characteristics of 1 leaf.
Completed "Tree Key"	Included 4 different trees.	Included 3 different trees.	Included 2 different trees.	Included 1 tree.
Included Leaf Weight Data	Included weight data of 4 different leaves.	Included weight data of 3 different leaves.	Included weight data of 2 different leaves.	Included weight data of 1 leaf.

Total Score: 4