

Prairie Hills School District

Pre- K Alignment

Trees Study

Standards:

- 25. Demonstrates knowledge of the characteristics of living things
- 27. Demonstrates knowledge of the Earth's environment
- 9a. Uses an expanding expressive vocabulary
- 14a. Thinks symbolically
- 22a. Measures objects
- 13. Uses classification skills

New Skills:

- 22. Compares and measures
- 25. Demonstrates knowledge of the characteristics of living things
- 23. Demonstrates knowledge of patterns

Advanced Skills:

- 27. Demonstrates knowledge of Earth's environment
- 30. Shows basic understanding of people and how they live

20a. Counts

- 23. Demonstrates knowledge of patterns
- 7b. Uses writing and drawing tools
- 16a. Identifies and names letters
- 16b. Identifies letter sound correspondence (4 year olds)
- 33. Explores the visual arts

Assessments and Student Outcomes:

- Classroom observation
- Teacher created assessments
- Antidotal notes

Students will create work of art based on study
Students will name colors, letters, numbers in random order
Students will use vocabulary related to tree study
Students will count objects
Students will sort materials by color, shape and size
Students will copy and extend patterns using color, shape and size
Students will observe, describe and discuss living things
Students will use words related to measurement
Students will use tools to investigate materials related to trees

<p>Key Vocabulary</p> <p>Tree Branch Leaf Brown Red Yellow Orange Soil Stick Fall Seeds Apples Pumpkins Bark Pinecones Roots</p>	<p>Trunk Wooden Flowers Damage Forest Nutrients Bigger Smaller Same size Acorn Sturdy Evergreen Arborist Forester Gardener Nursery worker</p>
<p>Resources:</p> <ul style="list-style-type: none"> • Teaching Strategies Teaching Guide • Teaching Strategies books about trees <p>Wow Experiences: Nature walk around school Pumpkin/apple orchard Sand Ridge Nature Center Little Red School House</p>	<p>Materials</p> <p>Photos of trees Books about trees Different colored/shaped leaves Different sized sticks Different art materials Seeds/nuts Pinecones Plant Pumpkins Magnifying glasses</p>

Books

- A Grand Old Tree
- Growing Trees
- Who Lives in Trees?
- Chicka Chicka Boom Boom
- The Mitten
- Our Tree Named Steve
- Pablo's Tree

Activities

KWL Chart

3D Trees (Paper towel rolls, tissue paper, construction paper)

Painted fall tree (fall colored paint, white paper)

Labeling tree parts

Leaf rubbing (leaves, crayons, paper)

Name writing/spelling (shaving cream, dot paints)

Measuring sticks (Different sized sticks)

Organized sticks by size (different sized sticks)

Pumpkin explorations (2 pumpkins to measure weight, height, distance around)

Sorting leaves by shape/color

Leaves for 1:1 correspondence counting

Colored leaves for patterning

Leaves to create artwork

Chicka Chicka Boom Boom Tree (create tree with letters on it)

Tree words (students will write words at the writing area)

Matching Quantity Trees (students will add apples- red pom poms to match the number provided)

After reading "Who Lives in a Tree" Draw a picture of something that lives in a tree.

After reading "Tree Count" Draw a picture of an apple tree. Student will write number of how many apples in their tree.

Then draw the apples.

After reading "Pablo's Tree" Draw a picture of something student would want to decorate their tree with.

Name parts of a tree

Identify different seasons

Name people who work with trees

Sort leaves by shape/color

Write words related to study

Copy/extend AB leaf pattern

Write name (ongoing)

Identify letters and numbers (ongoing)

Use 1:1 correspondence to count objects