



**Guided Activity: Forestry**

<https://vimeo.com/451643794>

Related Book: (Recommended for Grades K-2)

- *The Tree Farmer* by Chuck Leavell

Watch It:

- Watch the forestry video to learn what it takes for the wood to get from the forest to the store!

Think About It:

- Why are trees important?
  - Grab a piece of paper and a crayon (Fun Fact: Both items are made from trees!)
    - **Write two reasons trees are important!**

Know the Words:

- **Pine Tree:** an evergreen that doesn't lose its leaves or needles in the winter and produces wood and byproducts for things we use
- **Timber (lumber):** wood that is used for buildings and smaller projects like furniture
- **Forest:** area covered with many trees
- **Renewable Resource:** a resource (like trees) that grow back
- **Byproduct:** a secondary product we get from things grown and raised
- **Sawmill:** The factory where pine tree logs are taken to be processed into timber or lumber

Make It: (recommended for grades K-2)

- **Use a paper plate (Made from trees!) to make a mask that represents an animal that you would find in a forest.** What animals live in trees?
  - You Need:
    - Paper plate
    - Scissors
    - Markers
    - Your imagination!



Do the Math: (recommended for grades 2-5)

- Pine trees reach full growth between 15-20 years. **If a pine tree is planted in 2021, when will it reach full growth?**
  - Grab a paper plate and write this answer on one side with a colorful marker.
- You are walking in a forest and see pine trees that are full grown. It is the year 2020, if it took 15-20 years to fully grow these pine trees, **what is the range of years when they were planted?**
  - Write your answer on the other side of the paper plate you used for the first math problem.

Count the Rings: (recommended for all grades)

- We can determine how old a tree is by counting the rings in the tree trunk. **Count the rings in the picture below to determine how old the tree is. How old is this tree?**





**TEXAS FARM BUREAU®**

Forestry Scavenger Hunt: (recommended for all grades)

- Byproducts from pine trees:
  - Paper
  - Paper towels
  - Toilet paper
  - Toothpicks
  - Pencils
  - Ice cream container
  - And so much more!
- **Find 5 items inside that are made from trees AND 5 items outside that are made from trees.**
  - Challenge Yourself: Is the item made directly from the wood of the trees, or is it made with a byproduct of the tree?