Guided Activity: Forestry

After watching the video, work your brain using what you learned!

https://vimeo.com/402735411
https://youtu.be/R84XW-LPajw

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
• Forest: area covered with many trees
• Plantation Forest: a forest planted by a tree farmer
• Renewable Resource: a resource (like trees) that grow back
• Byproduct: a secondary product we get from things grown and raised

Make It: (recommended for grades K-3)

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

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

• The video told you that pine trees reach full growth between 20-30 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 plantation forest and see pine trees that are full grown. It is the year 2020, if it took 20-30 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?
  - What shape are the rings?
Forestry Scavenger Hunt: (recommended for all grades)

- Listen to the video to learn about things that are made from pine trees.
- **Find 5 items in your house 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? (Hint: Go back to the video to learn about byproducts!)