

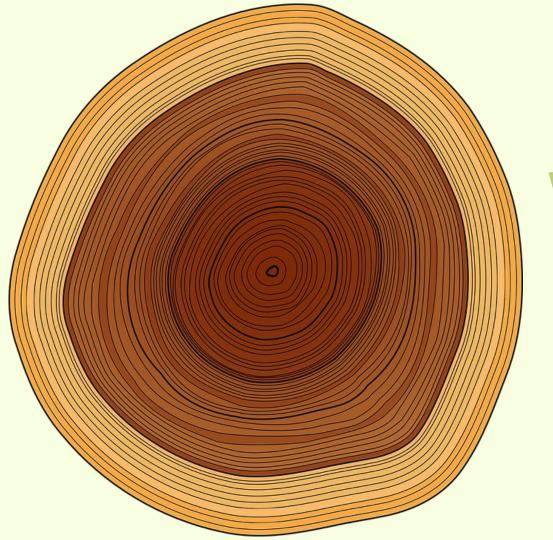




What is dendrochronology?

Dendrochronology

Let's say it together.



What do you notice?

What do you wonder?



What do you notice?
What do you wonder?



What do you notice?
What do you wonder?



Dendro = tree Chrono = time Ology = study of

Studying trees to tell what happened in its environment over time







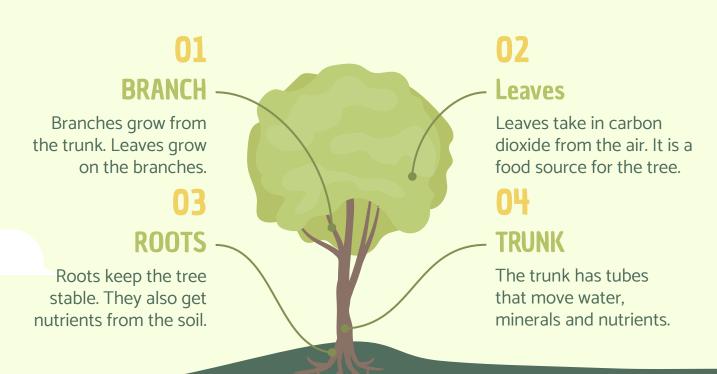
Turn and talk.

Are all trees also plants?

Are all plants also trees?

All trees are plants, but all plants are NOT trees.

PARTS OF A TREE





What is a tree ring?



What do tree rings tell us?

3.

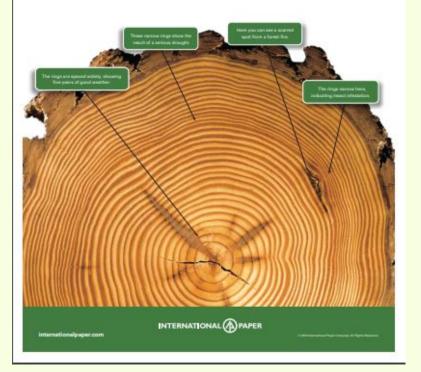


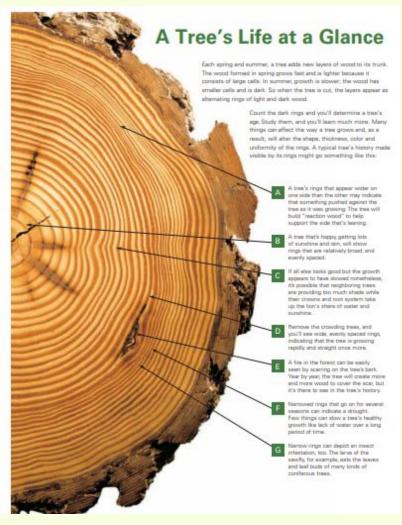
Why do scientists study tree rings?

How can we, as TVA botanists, tell a tree's story?

Reading the Rings of a Tree

Just by reading a tree's rings, you can discover some arraining things! Because the layers of vocid tree forms in the spring grow fast and consist of large cells, the ings are lighter. The slower summer growth has denies also those rings are defect this probably shready know that by counting the dark rings on a cit tree, you can tell how old it is, but if you exemine the shape and pattern of the rings you can piece together the treet's whole history - from summy days to insect infeatation.







Did we do our best work?

Story rubric		Did I do this?
Science Standard(s) 1.LS1.3 Analyze and interpret data from observations to describe how changes in the environment cause plants to respond in different ways.	☐ I made observations of the tree rings. ☐ I can explain why the tree rings look the way they do.	
1.W.TTP.2 With prompting and support, write informative/explan atory texts,	☐ I used my observations of the tree rings to tell a story about the tree.	⊘ × ?
naming a topic, supplying some facts about the topic, and providing some sense of closure.	☐ My story has a beginning, middle, and end.	⊘ × ?

STEM Ready

This lesson was designed for TVA.

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon** and infographics & images by **Freepik**

Please keep this slide for attribution