

Cool Facts About Tree Rings



- A TREE ADDS NEW LAYERS OF WOOD EACH SPRING AND SUMMER
- WOOD ADDED IN THE SPRING GROWS FASTER AND IS LIGHTER
- WOOD ADDED IN THE SUMMER (AND FALL) GROWS SLOWER AND SHOWS UP DARKER
- IN ORDER TO DATE A TREE, YOU SHOULD COUNT THE DARK RINGS ON A TREE'S STUMP ONCE IT'S CUT DOWN

YOU WILL WANT TO COUNT ONLY THE **DARK** CIRCLES TO DATE YOUR TREE.

([HTTPS://WWW.KCEDVENTURES.COM/BLOG/TREE-RINGS-AND-DENDROCHRONOLOGY-SCIENCE-PROJECT-FOR-KIDS](https://www.kcedventures.com/blog/tree-rings-and-dendrochronology-science-project-for-kids))

Do you see that dark center area of the tree?

THAT'S THE HEARTWOOD OF A TREE. IT'S ACTUALLY DEAD LAYERS OF THE TREE THAT HAVE FILLED WITH SAP, BUT IT SERVES AS A PILLAR FOR THE TREE -- A STRONGHOLD THAT KEEPS THE TREE UPRIGHT.

THE LIGHTER AREA IS SAPWOOD WHICH IS NEWER GROWTH. THESE LAYERS ARE HOW THE TREE GETS WATER TO ITS' LEAVES.

WHEN THERE IS LESS RAIN, TREE RINGS WILL BE CLOSER TOGETHER

IN ADDITION TO TREE RINGS, YOU CAN SEE MARKINGS ON THE STUMP OF A TREE THAT COULD INDICATE AN INFESTATION OF BUGS, A CROWDED FOREST, OR AMPLE AMOUNTS OF RAIN IN DIFFERENT YEARS.



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Fun books about trees

- *Nature all around: trees* by Pamela Hickman
Call Number: YOUTH 582.16 Hic
- *The secret life of trees* by Moira Butterfield,
Call Number: YOUTH 577.3 But
- *Trees* by Edwards, Nicola.
Call Number: YOUTH 582.16 Edw
- *Trees* by Lemniscates
Call Number: YOUTH PICTURE Lem
- *Trees* by Verlie Hutchens
Call Number: YOUTH 811.6 Hut
- *Trees: a rooted history* by Piotr Socha
Call Number: YOUTH 582.16 Soc



TREE RINGS AND DENDROCHRONOLOGY

