

## Tree Rings – What Tree Rings Can Tell Us About a Plant’s Life



Tree rings tell a story about a tree’s life. They reveal not only the number of years a tree lived but provide answers to more questions: How much light and nutrients did a tree access during different phases of its life? Was it injured or infested with insects? What were the surrounding conditions? Students closely examine cross sections of tree trunks. Grade 2 to 5 students also study the vascular system of plants through digital microscopes.

Grade level: K to 5<sup>th</sup> grade

Number of students: 30 students max

Duration: 1 hour

Cost: \$3 per student

### Maryland Science Standards addressed:

[K-LS1-1: Plant and Animal Needs](#)

[K-ESS2-2: Environmental Change](#)

[K-ESS3-1: Environmental Relationships](#)

[K-ESS3-3: Environmental Solutions](#)

[1-LS3-1: Plant and Animal Structures](#)

[2-LS2-1: Environmental Plant Needs](#)

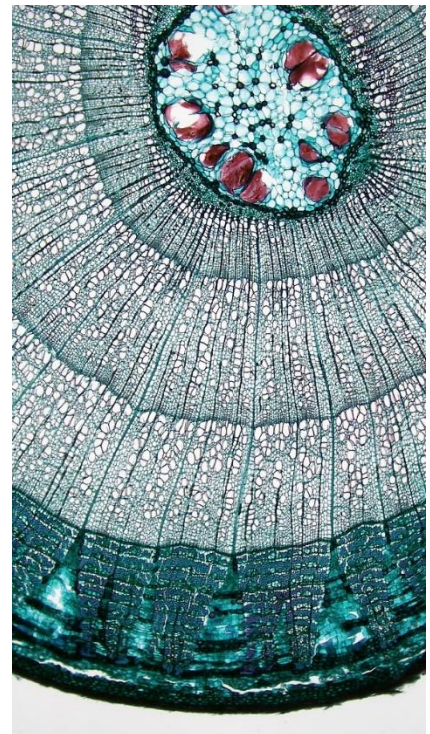
[2-LS4-1: Habitats and Biodiversity](#)

[3-LS4-3: Habitats and Organism Survival](#)

[3-LS4-4: Environmental Change Solution](#)

[4-LS1-1: Internal and External Structures](#)

[5-LS1-1: Plant Requirements - Air and Water](#)



Please contact [coastkids@actforbays.org](mailto:coastkids@actforbays.org) for more information and booking.