

Lesson: Parts of a Tree/Tracking Data Over Time

What helps trees survive in the ecosystem? How can we track data in nature?

Standard: MS-LS1-5: Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Vocabulary Words: Riparian Habitat, Ground Water, Deciduous, Photosynthesis, Chlorophyll, Producer, Consumers, Decomposers, Soil Diversity

Riparian Trees: Cottonwood Tree, New Mexico Olive, Screwbean Mesquite, Willows. Invasive Trees: Siberian Elm, Salt Cedar, Russian Olive

Functions: Leaves, Trunk, Bark, Roots, Branches

Phenology: Tracking Data of time

Nature Journaling: a way to document what you see

Resource: Nature's Notebook: a place to track data over time of different plants and animals.

Activity: Students need to find the nearest tree to them. Students will draw and label the date, time, and different parts of a tree. Students will write down three ways they can begin to track data over time.

