



EnviroKids!

Educational Tools for Tomorrow's Environmental Heroes



ISSUE CREATED BY
THE LANDS COUNCIL

Talkin 'bout Trees!

Explore the enchanting world of trees! Join us as we uncover the wonders of these magnificent beings and learn why they're so important to our planet.

It's a tree-mendous adventure waiting for you!

The Science of Fall Colors!

Pigments:

The natural coloring of animal or plant tissue



Chlorophyll

Color: Green!

Examples: Kale, spinach, lettuce

Carotenoids

Color: Yellow and Orange!

Examples: Corn, carrots, daffodils, bananas

Anthocyanin

Color: Red!

Examples: Cranberries, apples, strawberries

The Number of Trees in the World



3.04 Trillion Trees

422 Trees for Every Person on the Planet

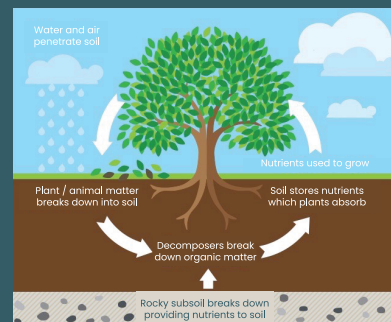
The size and Power of
100 Million Trees
(3,500 Central Parks)

=

578,000 tons of pollution
removed from the air

Enough to fill
70,000 Goodyear
Blimps!

The Nutrient Cycle



✦ TREE CELEBRITIES! ✦



The tree with the largest canopy in the world. Its leaves shade 4,721 acres of land beneath it in Andhra Pradesh, India!



The oldest known tree in the world is in Utah! Pando is a stand of 47,000 clones of Quaking Aspen that have been around for 80,000 years!



The tallest tree in the world is a coastal redwood in Redwood National Park that's 379.1 ft tall! Over twice the size of the Spokane Clocktower!

B I N G O



Test The Health of Your Tree!

If your tree has no leaves, and you want to make sure it is alive, do a scratch test!



Find a branch of the tree and scratch off a bit of the bark with your fingernail. If you see green, the tree is alive!

Photosynthesis Equations

Word Equation

Carbon Dioxide + Water $\xrightarrow[\text{Chlorophyll}]{\text{Sunlight}}$ Glucose + Oxygen

Balanced Chemical Equation

$6\text{CO}_2 + 6\text{H}_2\text{O} \xrightarrow[\text{Chlorophyll}]{\text{Sunlight}} \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$



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EnviroKids is a collaborative effort among multiple environmentally focused agencies in the Spokane region working to provide locally relevant educational resources to teachers and families.