

The Life Cycle of Trees



The world's
tallest tree
starts life as
a tiny seed.

READING

Comprehension Skill:

Make Inferences

As you read, look for one or two clues and pieces of evidence that help you make inferences. Inferences are not stated in the book and might not be true.

Phonics/Word Study:

Vowel diphthong /ou/

As you read, look for words with the vowel diphthong /ou/, like **thousands**. This sound in a syllable rhymes with the word **how**.

Look for these text and graphic features.

Text Features

- Table of contents
- Introduction
- Sidebars
- Conclusion
- Glossary
- Index
- Information about the author
- Vocabulary words in boldfaced type
- Captions for photos, diagrams, and illustrations
- Checkpoints. Check yourself to see that you understand what you have read. Pages 8, 20

Graphic Features

- Photographs
- Charts. Pages 16, 17, 22
- Labeled diagrams. Pages 6, 7, 8, 12, 13
- Map. Page 20

SCIENCE

The Big Idea:

This book describes the life cycle of trees. Some of the tallest trees begin as small seeds. Some seeds are as tiny as a grain of sand. Learn about the life cycle of trees.

Look for these special information features.

Content Sidebars

- It's a Fact. Pages 5, 13
- Math Matters. Page 20
- Everyday Science. Pages 10, 18, 19
- Historical Perspective. Page 8

Content Vocabulary

carbon dioxide	deciduous	forest fuel	seed
comb fire	embryo	oxygen	seed coat
conifer	erosion	photosynthesis	tree ring
cotyledon			

The Life Cycle of Trees

by Gary Rushworth

For teachers' inspection ONLY



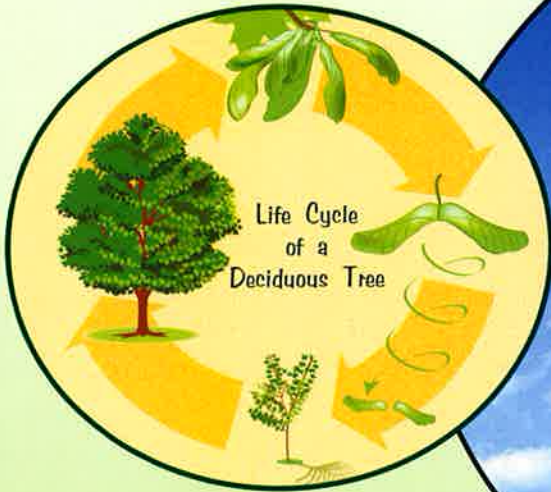
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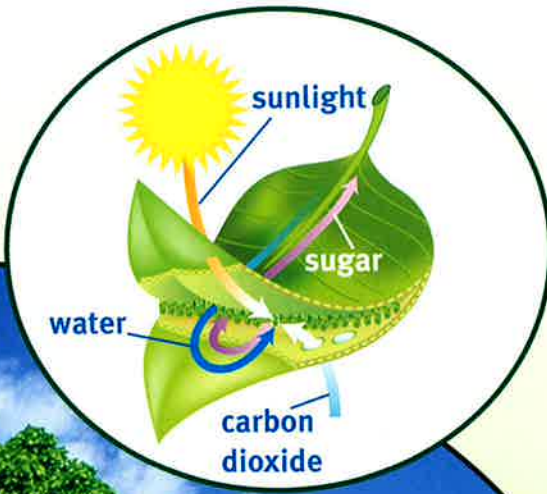


Pictures To Think About

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The Life Cycle of Trees



Words To Think About

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Characteristics

type of tree

has leaves

?

deciduous

What do you think the word **deciduous** means?

Examples

oak

maple

?

photosynthesis

What do you think the word **photosynthesis** means?

Latin:
photo
(light)

Latin:
synthesis
(to mix together)



erosion

What do you think the word **erosion** means?

What causes **erosion**?

heavy rains

?

floods

How do trees stop **erosion**?

roots hold soil in place

?

leaves make more soil



Introduction

Trees! Trees! Trees! We can see so many types of trees. Some trees are tall. Some trees are small. Some trees are green all year. Some lose their leaves in fall.

◀ It takes many trees to make a forest. This forest is in New Hampshire.



▲ Trees come in all sizes and shapes.