# Wisconsin Forests Forever Teachers' Guide

Sponsored by
Wisconsin Forest Resources
Education Alliance

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### The mission of WFREA is:

- To provide a coordinated outlet for forestry education throughout Wisconsin.
- To teach sustainable forestry the practice of managing dynamic forest ecosystems to provide ecological, economic, social, and cultural benefits for present and future generations.

By working in partnership with educators, university faculty, forest industry, and state and federal agencies to accomplish this mission, WFREA has successfully produced the first CD-ROM about Wisconsin's forests and an accompanying teachers' guide correlated to Wisconsin's Model Academic Standards. Enjoy!

To learn more about the WFREA program and its many educational tools, visit our website (www.wfrea.org). For further information, please contact WFREA coordinator, Eden Koljord, toll-free at (888) WFREA-64, or send e-mail to wfrea@newnorth.net.

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Timber!
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This symbol indicates that the activity uses the CD-ROM directly.

### Recreation Section

Forests are great places to relax and have fun. Spend some time discovering gems in your own area of Wisconsin.

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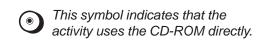
Forests provide us with valuable habitat, numerous products, indispensible jobs, wonderful recreation, and a huge challenge! Learn how sustainable forestry tries to meet that challenge by providing balance in management decisions.

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**Don't Stop Now!**You've got the background, the momentum, and the perfect opportunity to involve your kids in an action project. Go for it!

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# Welcome to the Forest!

This teachers' guide is designed to complement the *Wisconsin Forests Forever* CD-ROM. It contains 13 activities that will help your students appreciate our forest resources and understand the need for careful stewardship.

### Grade Level

These activities are designed for students in **grades 4 - 6**. Some can be adapted for younger or older students.

### Subjects

These multidisciplinary activities will help you teach forestryrelated concepts across the curriculum. The **Subject Matrix** on page 6 will help you plan how to use this guide.



### Sequence

The activities have been designed to **build upon each other**. Ideally, you would start at the beginning and teach all the activities in order. That not always being possible, here are some suggestions:

The Environment, Products, and Recreation Sections can each be pulled out and used independently. The Balance Section presents the big picture of sustainable forestry. It draws upon the concepts in the other sections and ties everything together.



This guide references content standards for environmental education, science, social studies, language arts, and math. Within each content standard, one or more of the performance standards is addressed. For a copy of the standards, visit the Department of Public Instruction's website (www.dpi.state.wi.us).



### Pre/Post Test

The CD-ROM includes a pre/post test. If you wish to record and compare your students' responses, please use the hard copy of the test found on page 114. Answers to the questions are on page 115.



### Appendix

Refer to the appendix for complete information about resources referenced in this guide.

# Subject Matrix

Activities	Science	Social Studies	Math	English/ Language Arts	Environmental Education	Visual Arts
Every Tree for Itself	*		*	*	*	
Timber!	*	*	*	*	*	*
It Ooes What?	*			*	*	
Get Connected	*			*	*	*
Nothing Succeeds Like Succession	*	*		*	*	*
Celebrate Trees!	*	*		*	*	*
Make Your Own Paper	*	*		*	*	*
Would Wood Be Needed for My Job?	*	*		*	*	
Where's MY Tree?	*		*	*	*	
Recreation Use Survey	*	*	*	*	*	
A Forest Near You!	*	*		*	*	*
Picture the Forest	*	*		*	*	*
What's Happening in Wisconsin's Forest?	*	*		*		
Don't Stop Now!	*	*		*	*	

**★**= Major Emphasis



# Think Forests!

Before you begin this look at Wisconsin's forest resources, take a few minutes to set the stage for learning. Here are some ideas for getting your classroom and kids ready to step into the forest.

### Post the Posters

Take the time now to laminate the two posters in this packet. Use them to "green" up your room. You can also get a set of wonderful posters from the USDA Forest Service featuring Smokey and numerous plants and animals. Call America's Outdoors at (414) 297-3693.

## Set Up a "Treerific" Nature Table

Ask students to bring in leaves, fruits, cones, twigs, and seeds from trees. Enjoy the diversity of trees. Include some library books on the table, such as **Eyewitness Books: Tree**, to encourage further study.

### Stock your Reading Corner

There are many wonderful books about forests in the library. You'll find a list of age-appropriate books on pages 109 - 112 of the **Appendix**. Ask your librarian to gather them for you.

### Fill the Room with Music

Choose some forest-inspired music to play during the day. Try "The Seasons" by Tchaikovsky, "Forest Murmurs" by Wagner, or "Woodland Sketches" by MacDowell. The popular recordings that combine music and nature sounds are also very inspiring!

### Get Bulletin Boards Ready

Several activities in this guide will result in art or writing projects that you can post on a colorful bulletin board. Decorate the edges with leaves, twigs, or forest animal cutouts.

### Find and Post a Map of Your School Grounds

Enlarge a map of your school grounds, school forest, or nearby park. It will be a great place to record the identity of trees, sightings of plants or animals, location of recreation facilities, or possible action projects.



