

HENNEPIN COUNTY

MINNESOTA

Greetings!

Thank you for borrowing the Trees and forestry education kit. There are several resources within this kit that will help you educate others about trees and forests. If you have any questions about how to best utilize the items, feel free to contact us at environment@hennepin.us. We are happy to talk with you about them!

Here is a brief overview of the resources you will find within this kit and some options about how to use them:

Tree and forestry activities

Located in a navy folder, these resources are from Hennepin County and other leaders and tree education throughout the country. You will find background information, identification activities, an Emerald Ash Borer (EAB) activity, and several others. The props in this kit can help add to these activities.

Leaf printing kit

This creative kit explores the world of botany-students study leaf anatomy while creating beautiful leaf print art. The kit includes seven 4" to 6" flexible vinyl leaf replicas along with washable block printing inks, a paint roller, plates, and an activity booklet. A unique activity that combines botany, art, and science for students in grades 3 to 5 (ages 8 to 10).

Michigan State University EAB kit

This kit from Michigan State university includes materials to help educate others on the Emerald Ash Borer (EAB). It includes real samples of an EAB adult in a glass vial, an EAB larva in a glass vial, a piece of ash wood with bark attached. There are D-shaped EAB exit holes on each piece, and at least one hole is marked with paint. There is also a piece of ash bark showing typical EAB galleries.

Safety vests

Use these vests whenever your group is out looking at trees to keep participants safe. Those who are learning about trees tend to be looking up more than around them, so extra safety measures are encouraged!



Books and guides

- **The Giving Tree By: Shel Silverstein**
 - Activities included: this book has activities attached to its inner cover in an envelope.
 - This is a story of a tree and the different uses of trees by humans. It is also about relationships, and leads readers to explore questions about natural resource management and friendship.
- **The Lorax By: Dr. Seuss**
 - Activities included: this book has activities attached to its inner cover in an envelope.
 - This rhyming story introduces readers to the impacts of consumerism, forest removal, and the importance of taking action to protect the environment.
- **Wangari's Trees of Peace By: Jeanette Winter**
 - Activities included: this book has activities attached to its inner cover.
 - The true story of Wangari Maathai, environmentalist and winner of the Nobel Peace Prize. This book shows a real example of environmental action and its impacts, and leads readers to explore questions about the importance of trees and what they can do to protect the environment.
- **Tree Finder: A Manual for Identification of Trees by their Leaves By: May Theilgaard Watts**
 - Guide to identifying native (and some widely introduced) trees of U.S. and Canada east of the Rocky Mountains. Organized as a dichotomous key, the book leads the user through a series of simple questions about the shape or appearance of different parts of a tree.
- **Winter Tree Finder: A Manual for Identifying Deciduous Trees in Winter By: May T. Watts and Tom Watts**
 - Enjoy getting to know your trees even in winter, with this key to identifying deciduous trees (trees that lose their leaves in the winter) by looking at twigs, buds, fruits, and other features. Explains structure of twigs and shows habitat and range of native and some widely introduced trees.
- **Trees: Revised and Updated By: Alexander C. Martin (Author), Herbert S. Zim (Author), Dorothea Barlowe (Illustrator), Sy Barlowe (Illustrator)**
 - Describes and illustrates in full color more than 140 of our most common trees.

Flash drive

This flash drive includes a presentation about trees as well as digital files of educational pamphlets, activities, links to some helpful videos, and other digital resources.

We'll be sending you a survey after you return this kit to get your feedback and recommendations. Yet again, thanks so much and keep up the great work!

Trees and forestry education kit: inventory

Michigan State University EAB Kit



- EAB larva sample
- EAB adult beetle sample
- Ash wood with EAB D-shaped exit holes
- Ash bark with EAB larval galleries

Leaf printing kit



- 2 rollers
- 4 tubes of paint
- 7 leaf stamps
- 3 plastic rolling plates

Pocket-sized measuring tapes



- Qty: 10

100' measuring tape



- Qty: 1

Tree height gauges



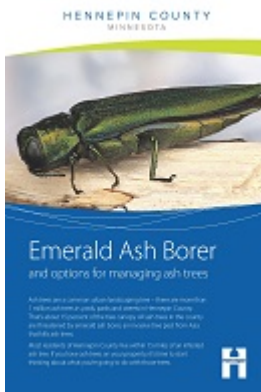
- Qty: 5

Pocket-sized magnifying lens sheets



- Qty: 40

Resources for distribution



- Emerald Ash Borer pamphlets

Tree flagging tape



5 rolls

Safety vests



- Qty: 20

Hennepin County tree identification guides

- Qty: 20

Books



- Qty 1 each

EAB Poster

Qty. 1

Flash drive

Resources included

- Digital versions of games and activities
- Links to videos
- PowerPoint presentation

