



# Arrest That Pest!

## EMERALD ASH BORER in Indiana

### **Emerald Ash Borer (EAB) Background Information**

**Teachers:** After determining your cooperative learning groups, photocopy the following pages. Then cut out each section along the dotted line. Make sure each student has a copy of her/his assigned section. Note: Vocabulary words are highlighted in **bold**.

#### **Section Five**

##### *Why are trees so important?*

Trees are important for a variety of reasons. Trees in **urban**, **suburban**, and **rural** areas improve our quality of life, create a **habitat** for plants and animals, improve the quality of the air we breathe, and reduce storm water runoff and **erosion**. They provide the shade that helps **temper** local climate and conserve energy and serve as natural screens and **buffers**. Trees improve our health and well-being and contribute and promote a sense of community.

If ash trees are infested and die, or have to be destroyed, there is a devastating economic impact on nursery, landscaping, timber, and recreation and tourism industries because of the loss of resources and the jobs associated with those resources. The destruction of ash trees decreases the quality of life for other members of the community. Trees are identified by: leaves, bark, buds, twigs or branches, flowers, and structure. These components are analyzed by shape, size, color, texture, and smell.

<<http://www.entm.purdue.edu/EAB>>



An Ash tree is tagged at a zoo