

<b>Activity Insects - #2</b>	<b>Harmful Insect Effects On Trees</b>
<b>Time</b>	<b>15 to 20 Minutes</b>
<b>Materials</b>	<b>Brown Clay and Popcorn Kernels</b>
<b>Guiding Questions</b>	
<ul style="list-style-type: none"> <li>• <b>How do insects damage and kill trees?</b></li> </ul>	
<b>Plan</b>	
<ul style="list-style-type: none"> <li>• <b>First have students roll the clay into a shape that looks like the trunk of a tree.</b></li> <li>• <b>Then have the students look at the picture on page 8 of “Insects Invade” Magazine.</b></li> <li>• <b>Have the students take the eraser side of their pencil and zig zag up the trunk of the clay tree in order to represent the tunnels that the Emerald Ash Borer makes on the trunk of an Ash Tree, as shown on page 8 in “Insects Invade.”</b></li> <li>• <b>Then have the students poke holes in the clay and insert the popcorn kernels into the clay. This shows how insects bore/burrow into a tree.</b></li> <li>• <b>Discourse – Discuss the meaning of bore, burrow, and tunnel. Have the students discuss what they think happens to the tree after insects do these things to the trees.</b></li> <li>• <b>In partners have students look up photos of diseased trees on the Internet.</b></li> </ul>	
<b>Differentiation</b>	<b>Discussion and Tactile Learning</b>
<b>ELL Modification</b>	<b>Discussion and Vocabulary Development Through Visual Cues</b>
<b>Check for Understanding</b>	<b>Tree Damage Models and Internet Photo Search</b>