

ACTS Science Explore Kindergarten: TREES

Ms. Sealander 2011-2012

Optional Text: Fantastic Facts: Trees (by Peter Mellett)

Class Dates	Reading Topic <i>And optional reader pages</i> Prior to class read:	Prior to class complete:	In class activity:
September 6	Parts of a Tree Pages 4-15	-	Intro./Welcome Parts of a Tree Bark Rubbing “My Life as a Tree”
September 13	Living Processes Looking at Leaves Pages 16-23	<i>Worksheet</i> – Parts of a Tree <i>Collect</i> 5 leaves and bring to class.	<u>Why Do Leaves Change Color</u> Identify types of leaves Leaf Rubbings Stained Glass with leaves
September 20	Forests Pages 34-47 54-57	<i>Worksheet: My Leaf</i> Book	<u>Meeting Trees</u> Products from trees used every day. Types of Forests. Tree ID walk
September 27	Life Cycle of a Tree Pages 48-51	“Meet a Tree” – choose a tree in your yard or neighborhood. Collect bark & leaf rubbings. Identify your tree. Bring info. to class. <i>See handout for more details</i>	<u>The Dead Tree</u> Share “Meet a Tree” report. “Life in the Leaf Litter” – Making a Wormery
October 4	Fruits & Seeds Germination Pages 24-33	<i>Worksheet: “An apple tree through the seasons of the year”</i>	Crack open nuts, seeds – embryos Plant acorn for germination Gyrocopter

Field Trip Opportunities: (see ACTS website for more information)

Friday 9/9 – Tree ID Walk at Fall Picnic with Dede Smith (former director of Ivy Creek Nature Center) 6:45pm

<http://ivycreekfoundation.org/walk/index.html> - link to guide for several family hikes at Ivy Creek

Friday 9/23 – Carter’s Mountain – **Free Educational program on seasons of the apple tree, pollination and the importance of honeybees, caring for an orchard throughout the year, and more.** There is also a self-guided educational station that deals with the rings of a tree and how the tree can tell us about the weather it has lived through. Pay only for apples that you pick to take home.