

# ACTS Science Explore 1 & 2 Grades: TREES

Ms. Sealander 2011-2012

Text: Fantastic Facts: Trees (by Peter Mellett)

Class Dates	Prior to class read:	Prior to class complete:	In class activity:
September 6	<b>Parts of a Tree</b> Pages 4-15	-	Intro./Welcome Parts of a Tree Bark Rubbing “My Life as a Tree”
September 13	<b>Living Processes Looking at Leaves</b> Pages 16-23	<i>Worksheet – Parts of a Tree</i> <i>Collect 5 leaves and bring to class.</i>	<u>Why Do Leaves Change Color</u> Identify types of leaves Leaf Rubbings Stained Glass with leaves
September 20	<b>Forests</b> Pages 34-47 54-57	<i>Worksheet:</i> Simple/Compound Leaves	<u>Meeting Trees</u> Products from trees used every day. Types of Forests. Tree ID walk
September 27	<b>Life Cycle of a Tree</b> 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	<b>Fruits &amp; Seeds Germination</b> Pages 24-33	<i>Worksheet:</i> Tree Products Crossword	Crack open nuts, seeds – see 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.