



Title: Adopt A Tree/Extra Credit Assignment

Purpose: This activity will encourage students' awareness of individual trees over time, as well as incorporate various subject areas. Students will gain greater awareness and appreciation of their local environment.

Grade: 4

Content: Science

Grade Level Standard: 4.LS2 Support an argument with evidence that plants get the materials that they need for growth and reproduction chiefly through a process in which they use carbon dioxide from the air, water, and energy from the sun to produce sugar, plant materials, and waste (oxygen) and that is called photosynthesis

Objective: The students will describe a chosen tree using personal observation and investigation, and organize information about the tree.

The students will identify the relationships between that tree and other organisms.

The students will put together journal entries, flip book or etc. about their adopted tree. See guided questions guide below...

Estimated Time: 50 minutes

Parent Support: Allow your child to go outside with you and choose a tree in the backyard, front yard, or in the neighborhood.

Materials Needed: journal pages, notebook paper, copy paper pencils, crayons, color pencils, or choice of materials around the house.

Video View: Go to Youtube: Watch “Adopt A Tree Near Your Home”

<p>5 points Organized and easy to understand</p> <p>Complete on time</p> <p>Shows solid understanding using evidence</p> <p>Shows original work</p> <p>100% complete</p>	<p>4 points Neat</p> <p>Complete</p> <p>Shows understanding using evidence</p> <p>Shows original work</p> <p>75% complete</p>	<p>3 points Mostly neat</p> <p>Mostly complete</p> <p>Shows understanding</p> <p>Shows work</p> <p>50% complete</p>	<p>2 points Somewhat neat</p> <p>Somewhat complete</p> <p>Shows some understanding</p> <p>Some work is missing or incomplete</p> <p>25% complete</p>	<p>0-1 points Hard to understand</p> <p>Incomplete or late</p> <p>Lack of connections or evidence</p> <p>Work is missing or incomplete</p> <p>Less than 25% Complete</p>	<p>Rubric:</p>
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Adopt A Tree Questions used to guide you with your activity

On Your First visit to your tree begin note taking...

<p>Page 1. Where is your tree? Draw a map to show its location</p>	<p>Page 2. Is your tree alive? How can you tell? Is it healthy? In what ways are people helping or hurting it?</p>
<p>Page3. Draw a picture of your tree from various perspectives: from a distance, from a high place, or from lying underneath looking up.</p>	<p>Page 4. Write a paragraph or poem describing your tree.</p>
<p>Page 5. Draw a picture of a leaf from your tree. How does the leaf smell? How does it feel?</p>	<p>Page6. Do you know what kind of tree you have adopted? Does your tree have any fruits, nuts, blossoms or seeds that help to identify?</p>
<p>Page 7. Make a rubbing of your tree's bark. How does the bark feel? How does it smell?</p>	<p>Page 8. Are any animals on or near your tree? Don't forget to look for insects, spiders, and other small animals.</p>
<p>Page 9. Are there any signs that animals have used your tree in the past? Look for holes, nests, trails, and other animal signs. How do those animals depend on your tree? Do they harm it.</p>	<p style="text-align: center;">Last... Now show how creative your journal pages, flip book, poster will capture your "Adopt A Tree" experience.</p>

Once you have finished your Science assignment you will upload your assignment to the following teachers (scan, take pictures of it).

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Have fun don't stress, and do your best!!!