

# TREASURES OF THE CITY FOREST

## At-home Student Activities

Now that we have had some fun learning about the city forest, continue exploring with some activities that can be done at home.

Using the **BINGO** card of activities, do one of the following:

- Choose one activity of your choice.
- Do one activity in each category.
- Get “BINGO” by doing five activities in a row, either across, down, or diagonal.
- The center square, with the TreePeople logo, is a FREE space.
- Do every activity for a “Black Out” of the card.

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To learn more about TreePeople, go to: [www.treepeople.org](http://www.treepeople.org)

# TreePeople

# TREASURES OF THE CITY FOREST ACTIVITIES

| Trees  | Water  | Waste  | Soil  | Air  |
|--|--|--|---|--|
| <p><b>Keep a tree diary!</b><br/>Sit under a tree. How does it feel? What animals and insects can you see? What colors? Draw and write about your answers over five days.</p>  | <p><b>Make a rainstick!</b><br/>All you need is a cylinder potato chip container, rice or beans, and aluminum foil. Go <a href="#">HERE</a> for instructions.</p>  | <p><b>Complete a Home Waste Audit!</b><br/>Investigate the different trash containers at your home. Create a plan with your family to reduce waste. Go <a href="#">HERE</a> for a worksheet.</p>                             | <p><b>Go on a soil scavenger hunt!</b><br/>Dig down into the soil and share what you find. Go <a href="#">HERE</a> for a worksheet.</p>   | <p><b>Illustrate the air cycle!</b><br/>Draw and label the air cycle showing the relationship between people and trees.</p>  |
| <p><b>Make a leaf profile!</b><br/>Collect a leaf and learn more about its structure, edges and veins. Go <a href="#">HERE</a> for a worksheet.</p>  | <p><b>Make an aquifer model!</b><br/>Using a jar to layer the elements of soil, see what happens when it starts to rain! Go <a href="#">HERE</a> — Page 1, for instructions.</p>   | <p><b>Explore nature's treasures in disguise!</b><br/>Draw a line to match up the natural "treasure" with the object in "disguise." Go <a href="#">HERE</a> for the worksheet. Share about "treasures" you find at home.</p> | <p><b>Create a soil factory in a jar!</b><br/>Gather dry leaves and wet kitchen scraps and place them in a jar. Record the decomposition process over time. Go <a href="#">HERE</a> for a worksheet.</p>  | <p><b>Observe smog particles!</b><br/>Using squares of toilet paper, go outside and wipe different surfaces such as a car, and tree leaf, with one square. Observe the squares up close. Draw and write about your observations!</p> |
| <p><b>Take care of a tree!</b><br/>Find a tree to take care of. Remove the weeds around the base of the tree and give it some water.</p>   | <p><b>What do you wonder about water?</b><br/>Make a list and choose one to explore more about.</p>  | <p><b>TreePeople</b></p>   | <p><b>What do you wonder about soil?</b><br/>Make a list and choose one to explore more about.</p>  | <p><b>Go on a bike ride!</b><br/>Instead of using a car to go somewhere, go on a bike instead. Draw or write about your ride and how it helps support clean air.</p>   |
| <p><b>Which ones sprout?</b><br/>Place a few seeds in ziplock bags with a damp paper towel. Place the bags in different locations around the house. Draw and write about your observations over a couple of weeks.</p> | <p><b>Map the path water takes!</b><br/>Map where water travels outside your home and neighborhood, from rooftops, across driveways, and down the street. Draw and write about your observations.</p>  |  | <p><b>Donate toys and clothes!</b><br/>Instead of throwing away old toys and clothes, donate them to be reused by others. Draw and write about what you chose to donate.</p>  | <p><b>Make mulch!</b><br/>Gather up fallen sticks, leaves and bark. Feed them to a tree. Draw and write about your perfect recipe for mulch.</p>   |
| <p><b>Make a seed museum!</b><br/>Collect and display different seeds from trees and plants that you find in your yard or along a walk! Go <a href="#">HERE</a> for instructions.</p>                                  | <p><b>Water pollution experiment!</b><br/>Using a clean glass of water, add various items to represent pollution such as food coloring, vinegar, and pieces of paper. Try to remove the pollutants from the water. Draw and write about your observations.</p> | <p><b>What do you wonder about waste?</b><br/>Make a list and choose one to explore more about.</p>  | <p><b>Observe the textures of soil!</b><br/>Fill a jar half way with soil. Add 1 tablespoon of dishwashing detergent. Fill the rest of the jar with water. Put the lid on and shake hard. Leave the jar for 2 days. Draw and describe the layers of soil that form.</p> | <p><b>Experiment with air!</b><br/>Push a crumpled paper towel up into a glass. Push the open side of the glass down into a big container of water. Draw and write about what happened and why.</p>                                  |