

Cadette Trees Badge - Outdoor

Goal: This badge teaches Cadettes to know and love trees. Girls will dig in to the science of trees, explore the connection between humans and trees, and learn to help trees thrive.

Notes: To complete this badge you will need some paper and something to draw with.

Step 1: Design a tree house

What I'll do: Learn about the basics of architectural drawing and draft plans for your dream tree house. Show your pictures to friends and family and see what they think.

What I'll need:

- Device to watch a video on
- Paper
- Something to draw with

How I'll do it: <https://www.youtube.com/watch?v=JfB26SYIdAE>

Step 2: Sketch and label parts of a tree

What I'll do: Choose your favorite kind of tree and make a sketch that shows layers and levels, from top crown to bottom roots. Include three kinds of plants or animals who might use your tree – perhaps for food, fuel, camouflage, medicine or shade?

What I'll need:

- Paper to sketch on
- A tree or picture of a tree

How I'll do it:

Find a tree in your yard or community that you can safely observe, and draw/sketch that tree. The below link is to a diagram of parts of a tree to help you label your tree.

https://nature.fandom.com/wiki/Parts_of_a_tree?file=Thepartsofatree.jpg

Step 3: Chart How Wood Travels

What I'll do: Think about all kinds of things around your house; what is made of wood? Do some research to figure out where that wood came from and how it showed up at your house in CT.

How I'll do it: Use the below resources, the internet or books to learn about where some of the wood items in your house may have come from.

I found it particularly interesting to learn about my nesting dolls!

<https://nestingdolls.co/blogs/posts/nesting-dolls-how-made>

<https://www.youtube.com/watch?v=tFQgWafq4yY> and to learn about Japanese wood art.

Step 4: Help Trees Learn

What I'll do: Learn how to plant a tree properly, prune, trim, and mend a common tree, protect trees from insects and fungus. Watch this YouTube video to learn proper care of trees:

<https://youtu.be/ValNmQ2shcc>

How I'll do it: Is there a tree that you can help out this spring? Maybe in your yard or neighborhood?

Where I can purchase the Badge: When you have earned the Cadette Trees Badge, your family may purchase the badge here <https://www.girlscoutshop.com/CADETTE-TREES-BADGE>

Attachments: none