

# PLT's Every Tree for Itself lesson extension (gr. 6-8)

## Instructions:

Play the "Every Tree for Itself" game as outlined in the [PLT PreK-8 Environmental Education Activity Guide](#). However, before starting the game, give each student a card from the list below. Students can tape the card to their bodies, create buttons for their card and pin the button to clothing, or hang the card around their necks. Everyone else should be able to read each other's cards.

As you play the game, students need to gather the amount of resources indicated on their card.

Discussion questions:

1. Do all types of trees need the same amount of requirements? Why or why not?
2. Which tree species need more water than other trees? Where do these trees live?
3. What kind of habitat does your tree need to thrive?
4. Where in the state of Minnesota does your tree live?

## Variations:

Students can each represent a different species

You can assign one species to the entire group (e.g. everyone is an elm)

You can assign a specific number of species for the group (e.g. 15 students are willows and 15 are elms)

**Minnesota Project Learning Tree [mndnr.gov/plt](http://mndnr.gov/plt)**



**Balsam fir**

Sun	1
Water	4
Food	3
Space	2



**Basswood**

Sun	4
Water	5
Food	4
Space	3



**Black cherry**

Sun	4
Water	3
Food	3
Space	2



**Sugar maple**

Sun	1
Water	3
Food	3
Space	4



**Black walnut**

Sun	4
Water	4
Food	3
Space	4



**Black willow**

Sun	4
Water	4
Food	3
Space	4





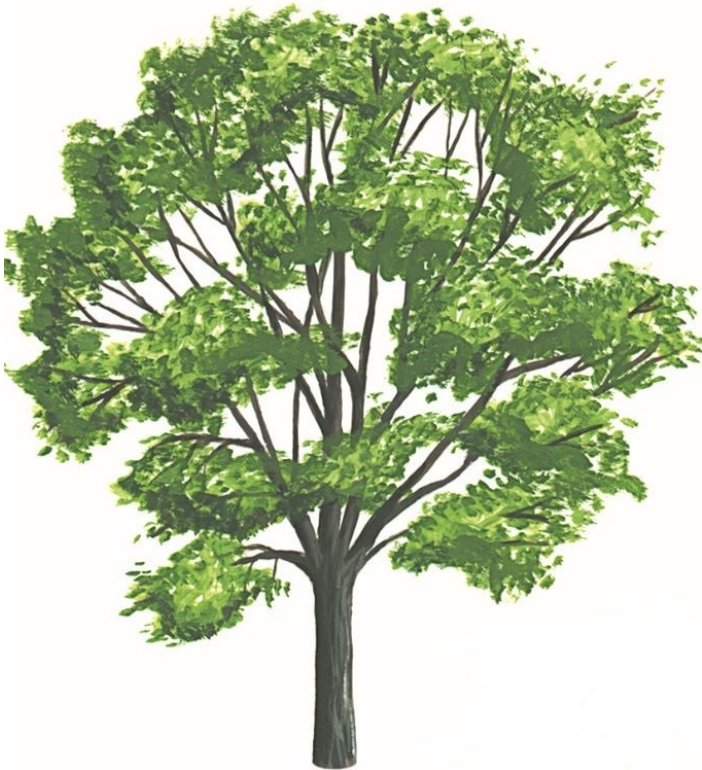
**Boxelder**

Sun	4
Water	4
Food	3
Space	3



**Bur oak**

Sun	3
Water	4
Food	3
Space	4



**Cottonwood**

Sun	4
Water	4
Food	3
Space	4



**American Elm**

Sun	3
Water	3
Food	2
Space	2



**Jack pine**

**Sun 5**

**Water 2**

**Food 2**

**Space 2**



**Paper birch**

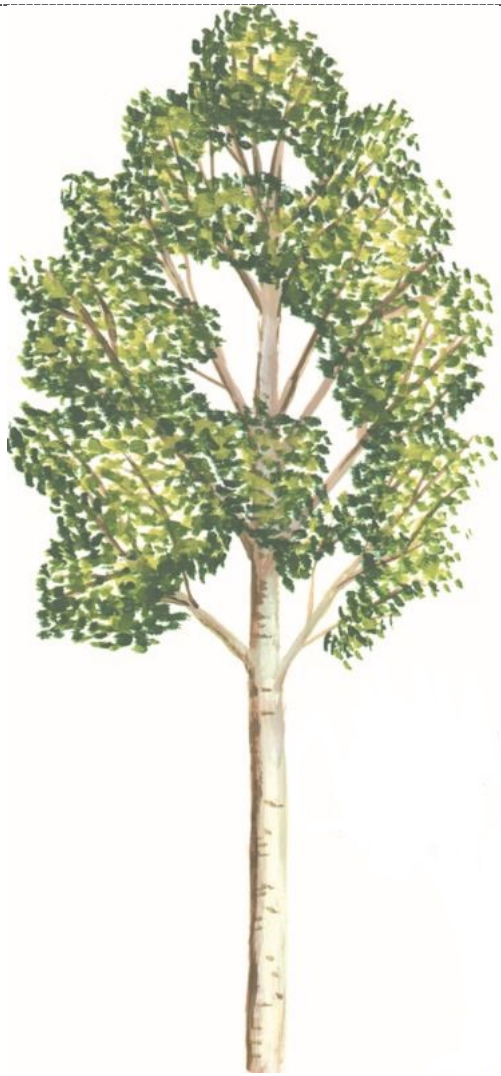
**Sun 4**

**Water 3**

**Food 2**

**Space 2**





**Quaking aspen**

Sun	5
Water	2
Food	3
Space	2



**Red cedar**

Sun	5
Water	1
Food	1
Space	4



**Red maple**

**Sun     3**

**Water   3**

**Food     3**

**Space   2**



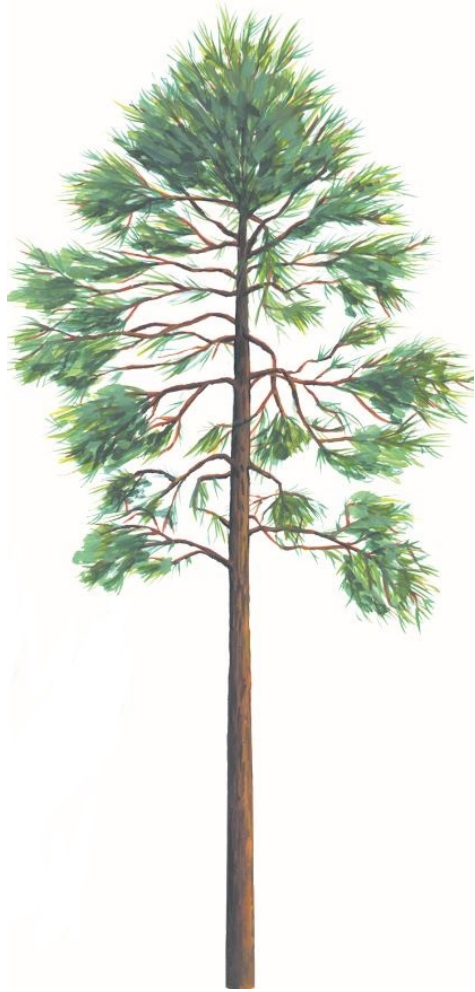
**Red oak**

**Sun     3**

**Water   3**

**Food     3**

**Space   4**



**Red pine**

**Sun 4**

**Water 3**

**Food 3**

**Space 2**



**Black spruce**

**Sun 4**

**Water 3**

**Food 3**

**Space 2**





**Tamarack**

Sun	5
Water	5
Food	3
Space	2



**White cedar**

Sun	2
Water	3
Food	3
Space	2



**White pine**

**Sun     4**

**Water   3**

**Food    3**

**Space   4**



**White spruce**

**Sun     2**

**Water   3**

**Food    3**

**Space   3**