

# TREES ARE MORE THAN WOOD

## NSTA Standards (5–8):

A, C, F

## Objectives:

Students will . . .

- examine the relationship between tree shape and survival.
- design trees for specific environments.
- analyze the results of placing their trees in the environments.

## Materials Required:

- computer with Internet access
- pencil or pen

## Web Site(s):

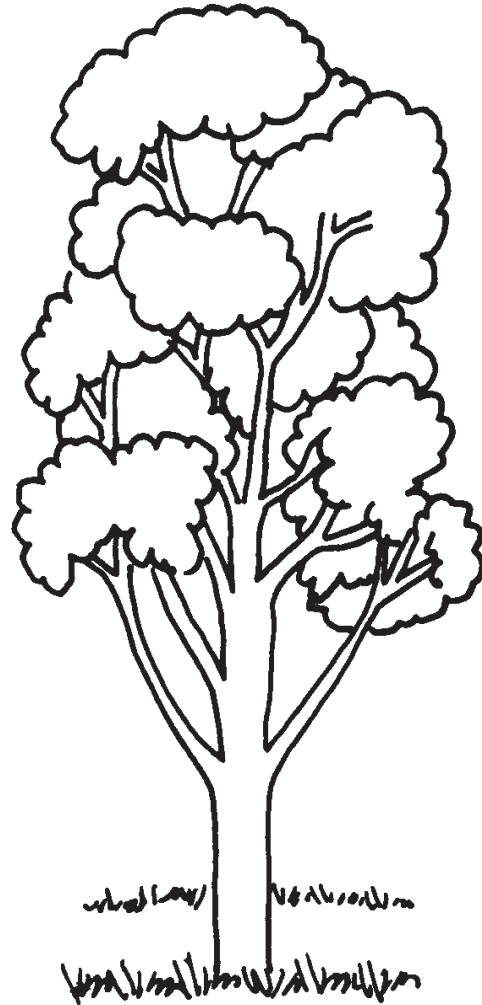
- <http://miavx1.muohio.edu/~dragonfly/itd/learn.htmlx>

## Time:

approximately 35 minutes

## Teaching the Lesson:

- A discussion of different types of trees prior to this activity will help students with the first steps. This can be integrated with an ecology or plant-related unit.
- Be sure that students go back in the game and try more than one type of tree.





# TREES ARE MORE THAN WOOD *(cont.)*

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Directions:

1. Think about a tree, any tree. Now draw the shape of this tree in the space below.

2. Are all trees shaped this way? Explain your answer.

Now launch <http://miavx1.muohio.edu/~dragonfly/itd/learn.htmlx> and read about what shapes trees.

3. Write down three things that affect the way a tree is shaped.

You are ready to play the game. Click on the “play the game” link. Have fun.

4. Did your tree survive in its environment? If not, go back and try again. Write down what you changed to make it survive.