



This book was compiled for use with Activity #68 Name that Tree and #64 Looking at leaves of the PLT preK-8 activity guide by:

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November, 2013.

**Kingdom**  
**Phylum**  
**Class**  
**Order**  
**Family**  
**Genus**  
**Species**

#68 Name that Tree  
#64 Looking at Leaves

Name \_\_\_\_\_

**lobbed leaf** - A leaf having deeply indented margins

**margin** - Leaf edge or border.



**opposite** - An opposite arrangement is when the leaves are arranged on a stem directly across from one another.

**simple leaf** - Leaf having a singular, basic shape, such as a heart, triangle or oval.

**serrated leaf** - A leaf having a margin notched like a saw with teeth pointing toward the apex.

**taxonomy** - Grouping of organisms: the science of classifying plants, animals, and microorganisms into increasingly broader categories based on shared features.



**whorled** - A whorled arrangement is when 3 or more leaves are attached at a node along a stem.

# Vocabulary



**alternate stem or leaf** - An alternate arrangement is when the leaves are arranged in an alternating fashion along a stem.

**broadleaf tree or shrub** - Having relatively broad flat leaves and flowers. Many are deciduous and do not have showy flowers.

**compound leaf** - A leaf with more than one blade. All blades are attached to a single leaf stem. Simply, a compound leaf is composed of a number of leaflets on a common stalk.

**conifer tree or shrub** - Having needle-shaped or scale-like leaves. Mostly evergreen trees and shrubs and have cones.

**deciduous tree or shrub** - Trees or shrubs that lose their leaves each year.

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# My trees flowers or cones

## Taxonomy Song

Moderato Traditional Round

Piano

1  
King - dom Phy - lum, King - dom Phy - lum,

Class and Order, Class and Order,

4  
Fam - ly Gen - us Spec - ies Fam - ly Gen - us Spec - ies

Classi - fying life, tax - ono - my.

(tune of Frère Jacques or Are You Sleeping)

# My Tree

# Leaf Shapes

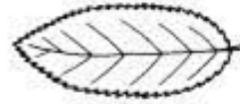
## Leaf Shapes



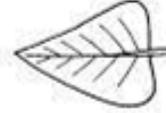
Needle Fascicle



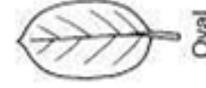
Linear, Petiolate Needle



Elliptical, Serrate



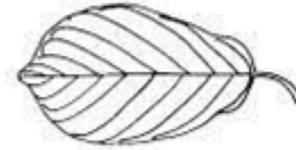
Deltoid, Entire (no teeth)



Oval



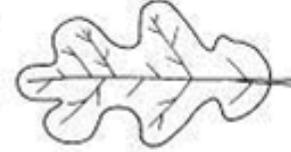
Lanceolate



Ovate, Arcuate Venation



Obovate



Pinnately Lobed, Pinnate Venation



Palmately Lobed, Palmate Venation

## My tree's leaves

## My Tree

Common name: \_\_\_\_\_

**Kingdom - Plantae**  
(plants)

**Phylum - Coniferophyta** or **Angiospermae**  
(to bear a cone) (flowering)

**Class -** \_\_\_\_\_

**Order -** \_\_\_\_\_

**Family -** \_\_\_\_\_

**Genus -** \_\_\_\_\_

**Species -** \_\_\_\_\_

My tree's leaf and stem arraignment

## Leaf/Stem Arrangements

### Leaf/stem arrangement

