

Pg 1

post-online  
emailed 1/19/12

## Leaf and Tree Finder – 2011-2012

Approximate time: 30-40 minutes

### Description:

Students work in pairs to complete a test based on the six categories listed below. They are allowed to bring in one tree and leaf identification guide per pair. The guide should be student generated.

### Resources:

Questions and photographs will come from the following sources:

[www.arboday.org](http://www.arboday.org)

[www.about.com](http://www.about.com)

[www.enchantedlearning.com](http://www.enchantedlearning.com)

The Peterson Guide (field guide to common trees of North America)

### The Competition:

There will be Six parts to the test:

1. Tree Identification (Sample Tree List Below)
2. Leaf Specimens (Identify leaves from photographs or actual leaves)
3. Vocabulary (Ex: Samara \_\_\_\_\_ student fills in blank)
4. Anatomy of a Tree
5. Leaf Shapes (examples: ovate, round, palmate etc.)
6. Anatomy of a Leaf (examples: lobe, vein, stalk etc.)

added

Approximately ten questions for each section .Answers will be marked on an answer sheet. Students will receive one point for each correct answer. Spelling will count. Tie breaker will be the time in which the test is completed.

Students should be prepared for the following topics:

### Tree Structure and Characteristics

- Leaf types
- Leaf shapes
- Venation – the vein structure of the leaf
- Flowers
- Cones
- Fruit
- Seeds
- Tree overall shape

### **Sample Tree List:**

Ash, white	Maple, Red	Spruce, Blue	
Aspen, Quaking	Maple, Silver	Sassafras	Witch-Hazel
Basswood	Maple, Sugar	Sycamore	
Beech Oak,	California Black	Tamarack	
Birch, Paper	Oak, Coast Live	Tuliptree	
Cherry, Black	Pine, Lodgepole	Walnut, Black	
Hickory, Shagbark	Pine, Sugar	Willow Weeping	
Locust, Black	Sassafras	Willow, Pacific	