

Name \_\_\_\_\_

#### Leaf Collection Criteria

1. Collect 20 different leaves
  2. The leaves are all from trees
  3. Each leaf is from a different species of tree
  4. Each broad leaf is pressed to make it flat and dry, instead of curled-crumblly and moldy.
  5. Each needle or scale-like leaf just needs to be kept in a sealed baggie to keep it from drying and losing needles.
  6. Give each leaf type a different number
  7. Provide all or more than the required attributes listed below for each leaf.
  8. Provide the common and scientific name for each leaf.
  9. After your leaves are pressed for two days, carefully put them in a baggie and keep them flat.
- Remember to include the number somehow!

#### Attributes

##### 1. Broad leaves

- opposite or alternate?
- compound or simple?
- if compound- is it pinnate, palmate or other?
- Is the edge serrated, spiney, smooth or other?
- Describe the rachis- is it radiating or pinnate or simple?
- Measure the length of your leaf and give it in inches.

##### 2. Needles or scales

- in bundles or no?
- if in bundles, how many per bundle?
- any stripes on top or bottom of the needle?
- tips- are they sharply pointed, blunt, rounded?
- how long are the needles?

Class-time: This is a project to be done as homework. I will provide only one hour of class-time to use the books, crosscheck each other's findings, and work together to finish identifying your leaves and typing up the attributes. Your collection should be almost done, and you should bring your pressed leaves to school on this day. For your class, this will be on

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Tools: The Virginia Tech Tree ID tool is available to you online as well as other online tools. I have several books which you may sign out for one evening or during a study hall (even if I have another class at that time)

Due date for your **finished** project is \_\_\_\_\_



