What is a Leaf Project?

A collection of leaves from **20** different tree species properly **pressed**, **organized**, and **labeled.**

Due Date

Follow each of these instructions, carefully !

1. Submit the project in a ½ inch three ring binder.
2. Use only the front side of each page. (Any plain paper is OK, thick card-stock is best)
3. Put a title at the top-center of every page indicating the type of leaves on that page. (see sample on back)
4. Put the page number in a box in the bottom right corner of each page. (See sample on back)
5. Use small pieces of one-sided clear tape, placed over the leaf, to hold it down on the page.
6. Use neat/straight lines to separate leaves, whenever there are multiple leaves on a page. (see sample on back)
7. Create a Table of Contents page formatted exactly as show in the example on back.

Organizing:

Your leaf project should be exactly 10 pages long (even if some pages are blank).

Page #1.	Has the Title page and Table of Contents (see FAQs for details)
Page #2.	Has 3 simple pinnate leaves (#1-3)
Page #3.	Has 3 simple pinnate leaves (#4-6)
Page #4.	Has 2 compound pinnate leaves (#7-8)
Page #5.	Has 1 doubly compound pinnate leaf (#9)
Page #6.	Has 3 simple palmate leaves (#10-12)
Page #7.	Has 1 compound palmate leaf (#13)
Page #8.	Has 1 simple parallel leaf (#14)
Page #9.	Has 3 needles (#15-17)
Page #10.	Has 3 scales (#18-20)

For more information, examples, explanations go to Mr. Gillam's website.
http://gillambiology.weebly.com

or search: "**gillambiology**"

Pressing:

Place a leaf in a book with a paper towels above it and beneath it. The leaves should remain in the "press" to dry for **at least 2 days** After the leaves are pressed and dried you may then temporarily store them in a box until you are ready to put them in your project.

Labeling:

Each leaf should have its own label next to it on the page.

The label must include the: **Leaf #, Common Name,** and **Leaf Type**. (see samples on back)

For Extra Credit (10% max): Use color coding to make all the leaf labels of each leaf type the same color, while making the different leaf types different colors. (For example you could make red labels for simple pinnate leaves, and blue for compound palmate, etc). Then make those colors match colors used in the index.

How will the project be graded?

The Leaf Project is worth 100 points, and is 10% of your overall grade.

Each page is worth 10 points, based on **accuracy, organization,** and **appearance**.

Most students loose points on their Leaf Project for the following reasons:

- Not following the instructions
- Late (-20 points per day)
- Having pages with hand written parts.
- Missing some of the required leaves.
- Messy or sloppy work
- Putting the wrong type of leaf on a page.
- Poor mounting (leaves that are: wet/wrinkled/crumbling/moldy)

FAQ (frequently asked questions)

1. Can I glue the leaves to the paper? **NO**
2. If a leaf is too big, can I put just half of the leaf on the page? **YES**.
3. Will I get credit for a leaf that is on the wrong page (it is not the type indicated)? **NO**
4. Will we be getting our leaf projects back? **NO** (but you will receive a grading card indicating your score)
5. Can I get my binder back? **YES** (after all the projects are graded you will have 1 week to retrieve your binder)
6. How do we find out the common names of trees? Tree Field Guides, the internet, and the posters in Mr. Gillam's room.
7. Where can we get a Tree Field Guide? Mr. Gillam has some for overnight check out.
8. What happens if we barrow a field guide and don't return it the next school day? -10 points for each 24 hours late.
9. Should I have all 10 pages in my binder, even if I don't have any leaves for a page? **YES**
10. Can I draw a leaf I cannot find? **Yes (** **detailed drawing** will be accepted for only **partial credit**)
11. Does everything need to be printed by computer? **YES**
12. Can we use plastic sheet-protectors? **YES** (but they are not required, and will not get you extra points)

Sample: Table of Contents

Justin Good **Period 7** **Nov 11, 2011**

Table of Contents

Simple Pinnate
pg 2 #1 Valley Oak
pg 2 #2 Bluegum Eucalyptus
pg 2 #3 Lemonade Sumac

pg 3 #4 Tree Common Name
pg 3 #5 Tree Common Name
pg 3 #6 Tree Common Name

Compound Pinnate
pg 4 #7 Tree Common Name
pg 4 #8 Tree Common Name

Doubly-Compound Pinnate
pg 5 #9 Tree Common Name

Simple Palmate
pg 6 #10 Tree Common Name
pg 6 #11 Tree Common Name
pg 6 #12 Tree Common Name

Compound Palmate
pg 7 #13 Tree Common Name

Simple Parallel
pg 8 #14 Tree Common Name

Needles
pg 9 #15 Tree Common Name
pg 9 #16 Tree Common Name
pg 9 #17 Tree Common Name

Scales
pg 10 #18 Tree Common Name
pg 10 #19 Tree Common Name
pg 10 #20 Tree Common Name

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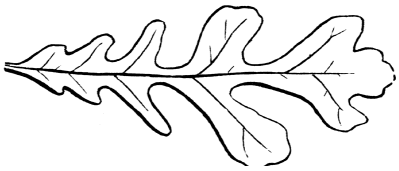
Sample: Leaf Project (page 3)

Simple Pinnate



#1 Valley Oak
Simple Pinnate

#2 Bluegum Eucalyptus
Simple Pinnate

#3 Lemonade Sumac
Simple Pinnate

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