**Leaf Collection Project**

Dear Parents and Students,

 This month in science, we will be exploring plants. The final project will be a leaf collection project. This project will need to be completed outside of school independently. The following letter contains the objective, task, requirements, procedure, and the scoring guide for the project.

**Due Date: Friday, October 28, 2016**

Objective: To develop a collection and extend knowledge of the different types of leaves found in Illinois.

Task: Students need to find and present a MINUMUM of 10 different leaves to the class.

Requirements:

1. You must collect a MINIMUM of 10 different leaves.
2. You will need to decide which final presentation project you will use to display your leaves.
3. Have full collection ready to present on Friday, October 28th.

Procedure:

1. Always get permission before collecting leaves on someone else’s property.
2. Collect at least two of each type of leaf in case one tears.
3. If your leaf is an example of a compound leaf, be sure to remove an entire leaf, not jus a leaflet.
4. OPTONAL: Take a picture of the tree to place next to your leaf on your display.
5. After collecting your leaves, press them by placing them in a phone book for 3-5 days. This will help flatten each leaf for a better display.
6. Make sure to label each leaf with the following information:
7. Name of the tree
8. Location of the collected sample
9. Date
10. Type of leaf (simple, compound, or needle?)
11. Leaf Margin (smooth, toothed, or lobed)
12. If you are mounting your leaves, make sure to use a sturdy piece of paper or poster board.
13. Practice presenting your findings and information in front of your family.

Final Presentation Options:

1. Booklet with a page for each leaf.
2. Poster displaying each leaf.
3. PowerPoint with photos of each leaf (pictures of the tree and you collecting are easy to add here.)

Here are some helpful websites when determining what type of tree or leaf you have:

[www.leaf-id.com](http://www.leaf-id.com)

<http://forestry.about.com/od/treeidentification/tp/tree_key_id_start.htm>

<http://www.arborday.org/trees/whatTree/>

<http://www.oplin.org/tree/name/commonname.html>

The following is the rubric that will be used to grade your project.

Leaf Project

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Points | 25 | 15 | 5 | 0 |
| Meets all leaf project requirements. | Ten or more leaf examples are included. | Seven to Nine leaf examples included. Some types are missing. | Fewer than seven leaves were included. Several examples were missing. | This requirement was not met. |
| Neatness | Leaves are laid out in a neat and organized manner. | Average layout and neatness and detail were lacking. | More pride in your work is needed. | This requirement was not met. |
| Leaf Identification | Wow! Great job identifying the leaves. | A few minor errors in identifying the leaves. | Another edit is needed. | This requirement was not met. |
| Can successfully label leaf characteristics. | All characteristics were identified correctly. | Most characteristics identified correctly. | Some characteristics identified correctly. | This requirement was not met. |

Total Points \_\_\_\_\_\_\_\_\_\_\_\_\_ / 100