Leaf Collection Requirements

1. Collect at least twelve species. One species per page. At least one entire leaf should be used, but at times you may wish to use as many as three or four per page.

2. On each page include all of the following in this order:

A. Common name B. Scientific name C. Simple or compound leaves

      An example: A. Red Maple

                      B. <u>Acer</u> <u>rubrum</u>

                      C. Simple leaf

3. **All tree species must be native to Pennsylvania.** Ornamental leaves, species of shrubs and fruit trees should be avoided.

4. Broad leaf trees should be used, do not use "pine" trees.

5. Up to three "extra credit" leaves may be used. These leaves should be placed at the end of your collection. The same information must be supplied for these leaves as for those required. The first 12 leaves will be graded as required.

Suggestions

1. Make your collection as neat and attractive as possible.

2. A photo album may be used to hold your collection.

3. Pick leaves of "common" trees.

Grading

This project is worth 130 points. Grades will be determined as follows:

    1. 48 points for the correct identification of common names. (4 points per leaf)

2. 48 points for the correct information for your answers to B and C from above (2 points for the scientific name and 2 points for the leaf type).

3. 24 points for the general appearance of your collection.

4. The grading sheet **must** be included as the first page in your collection. (10 points)

5. Each extra credit leaf will be worth 1/2 as much as each required leaf. (A total of 4 points per leaf.)

Name:
Period:
Date:

LEAF COLLECTION GRADE

Common Name Scientific Name   /48

Leaf Type Appearance   /24

Grade Sheet   /10

Extra Credit   /0

Total Points   /130

You must complete the chart on the back of this sheet. A check will be placed in the appropriate location if points were missed for that leaf.

This form **<u>MUST</u>** be placed in your collection.

Leaf Collection   Name:

Common Name	Scientific Name	Simple or Compound Leaves
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
Extra Credit One		
Extra Credit Two		
Extra Credit Three		

Leaf Collection Appearance

Rubric

24 points Leaves are neatly displayed and are flat on the page. All leaves are whole with no pieces missing.

21 points Leaves are neatly displayed and with most flat on the page. Most leaves are whole with few pieces missing.

18 points Leaves are somewhat neatly displayed, only some are flat on page. Some leaves have pieces missing.

15 points Leaves are not neatly displayed. Most are not flat on the page. Most leaves are torn and have pieces missing.

12 points Leaves are not neatly displayed. No leaves are flat on the page. All leaves are torn and have pieces missing.

Tree Checklist

1. Black Ash
2. White Ash
3. Bigtooth Aspen
4. Quaking Aspen
5. American Beech
6. Paper Birch
7. Sweet Birch
8. Yellow Birch
9. Butternut
10. Catalpa
11. Black Cherry
12. Choke Cherry
13. Fire Cherry
14. American Chestnut
15. Cucumber Magnolia
16. Flowering Dogwood
17. American Elm
18. Slippery Elm
19. Black Gum
20. Hackberry
21. Honeylocust
22. Bitternut Hickory
23. Mockernut Hickory
24. Pignut Hickory
25. Shagbark Hickory
26. Shellbark Hickory
27. American Larch
28. American Linden
29. Black Locust
30. Norway Maple
31. Red Maple
32. Silver Maple
33. Striped Maple
34. Sugar Maple
35. Red Mulberry
36. Black Oak
37. Chestnut Oak
38. Northern Red Oak

39. Pin Oak
40. Scarlet Oak
41. White Oak
42. Redbud
43. Sassafras
44. Serviceberry
45. Tree-of-Heaven
46. Tuliptree
47. Black Walnut
48. Black Willow
49. Witch Hazel