



Pathfinder's Name _____

Flowers

- 1. Draw or photograph 35 kinds of flowers and identify them correctly.
- 2. Draw and properly label or point out the actual parts of a flower:
 - a. Pistil
 - b. Stamen
 - c. Petal
 - d. Sepal
- 3. Name six flower families and their distinguishing characteristics. Name at least two flowers in each family. (Complete Chart)
- 4. Describe the life history of a particular flower, including the part played by insects or wind in pollination.

- 5. Name at least two plants that are poisonous to touch and state which, if any, are found in your locality.

Name

Locality (Y/N)

- 1. _____
- 2. _____

- 6. Do three of the following:
 - a. Arrange, draw, or photograph a series of at least six flowers, showing in order the colors of the rainbow-red, orange, yellow, green, blue and violet.
 - b. Submit fresh, pressed, or dried flowers having five petals, four petals, three petals, and no petals.
 - c. Distinguish and name two out of five wild or cultivated flowers by their odor while blindfolded.

- d. List flowers that you have observed being visited for food by the following:

Birds _____

Honeybees _____

Bumblebees _____

Butterflies _____

Moths _____

- e. Watch a flower for at least ten minutes in the sunshine and at least ten minutes after dusk, and report on any insect visitors. State the number and kind of visitors and name of flower.

Flower _____

Sunshine: Number and types of insects _____

After dusk: Number and types of insects _____

Flowers Chart

	Flower Family	Distinguishing Characteristics	2 Flowers in each family
1			1 2
2			1 2
3			1 2
4			1 2
5			1 2
6			1 2

Flowers, Advanced

- 1. Have the Flower Honor.
- 2. Photograph, collect pictures of or sketch 75 species of flowers. Make a scrapbook from these and correctly label each flower.
- 3. Give the distinguishing characteristics of the flowers of each of the 12 common plant families.

Family	Distinguishing Characteristics
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____
11. _____	_____
12. _____	_____

- 4. Prove ability to use plant keys to genus and species.
- 5. Tell the difference between perfect and imperfect flowers.

Perfect _____

Imperfect _____

What is meant by pistillate and staminate flowers?

Pistillate _____

Staminate _____

Give an example of monoecious and dioecious plants.

Monoecious _____

Dioecious _____

Tell the difference between monocotyledons and dicotyledons.

Monocotyledons _____

Dicotyledons _____

6. From the Bible point out two spiritual lessons in which writers used flowers for illustrations.

1. _____

2. _____

7. Name and describe eight poisonous plants, noting the particular part of the plant that is poisonous.

	Plant	Part of plant poisonous
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____

- ❑ 8. Do one of the following:
- a. Name five plants that are of medicinal value and indicate what part of each plant is used.

	Plant	Part of plant used
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

- b. Name ten wild plants that are edible in root, stem, or leaf.

1.	_____	6.	_____
2.	_____	7.	_____
3.	_____	8.	_____
4.	_____	9.	_____
5.	_____	10.	_____

- c. An option from requirement 6 of the Flower Honor not completed for that Honor.