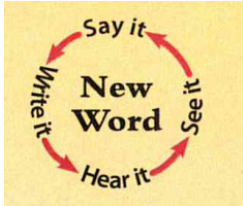# Leaf Classification:

Classification: the process by which scientists **identify** and organize objects.

referred to as "**venation patterns**".

| Parallel	Pinnate	Palmate
numerous veins extending the length of the leaf, all parallel to one another	feather-shaped leaves, with one main vein running the length of the leaf and smaller veins branching off the main vein	shaped like the palm of a hand, with several large veins starting from a central point at the end of the stem, extending out in several directions toward the edge, with smaller veins branching off from the large veins

Leaf Classification:

Leaf **Edges**
(Margins)

Say it
New Word
Write it
See it
Hear it

Toothed

Lobed

Scalloped

Fuzzy

Smooth
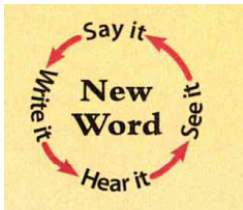
Fan

Round

Heart

Compound

Spear

Needle
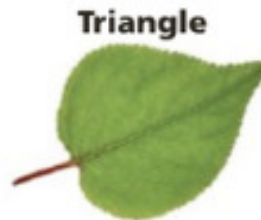
Triangle

Leaf **Shape of the Blade**

Leaf Classification

What is classification?

A process by which scientists **identify** and **organize** objects and organisms to show relations.

What are three different ways you can classify leaves?

1. Venation patterns (leaf veins)
2. Edges or margins
3. Shape.

If you had a collection of insects, how would you classify them?

- Features (wings, no wings, # of legs, etc.)
- What it eats
- Where it lives
- Did it complete a metamorphosis or not?