

Family Name	Scientific Name	Keys to help identify the different Families
Leaf Parts in 3's or 6's		
Lily	Liliaceae	Monocot with superior ovary. Radially symmetrical Flower parts in 3's and 6's
Iris	Iridaceae	Monocot with inferior ovary. Radially symmetrical. Flower parts in 3's and 6's
Orchid	Orchidaceae	Monocot with Inferior ovary, bilaterally symmetrical.
Leaf Part's in 4's		
Evening-Primrose	Onagraceae	There are 4 of each of the petals, sepals, and stamens. The style (long projection from the central ovary has a 4-part cross (X) at its end, or is bulb-like. Ovary usually inferior.
Mustard	Brassicaceae	Four petals. Superior ovary
Leaf Part's in 5's		
Rose	Rosaceae	Numerous stamens. Periginous.
Buttercup	Ranunculaceae	Numerous stamens Hypogynous.
Mint	Lamiaceae	Square stems and opposite leaves
Figwort	Scrophulariaceae	Petals mostly joined. Most flowers of this family have fused petals to form a fat tube opening into two broad lips. If petals are not joined, one looks much larger than the others. Stems are round.
Heath	Ericaceae	Petals either joined and bell-shaped, or petals free. Flowers with 5 sepals and 10 stamens.
Phlox	Polmoniaceae	Petals joined. Flowers often look trumpet-like. 5 petals, 5 sepals, 5 stamens.
Pink	Caryophyllaceae	Petals not joined. Leaves mostly opposite. Petals often notched at tips. Joints of stem often swollen.
Carrot	Apiaceae	Umble of Umbles. Hollow stems with palmately compound clasping leaves.
Honeysuckle	Caprifoliaceae	Petals joined. Long funnel or bell-like flowers with 5 sepals and stamens. Leaves opposite.
Pea	Fabaceae	2 petals (the lower ones which look like a pelicans pouch) joined, 3 are free of each other. Petals irregularly shaped. 2 sepals. The leaves are alternate and compound with leaf-like stipules where the leaf stem attaches to the main stem.
Saxifrage	Saxifragaceae	Petals not joined. 5 petals and 5 sepals, with 5 or 10 stamens. Flowers often cup-like or tube-like because of fused sepals.
Geranium	Geraniaceae	Petals not joined. Geraniums have flowers with 5 petals, 5 sepals, and 5 stamens. The central ovary has a long style that often looksbeak-like.
Violet	Violaceae	Petals not joined. Petals are all differently shaped with 2 upper petals, 2 side petals and 1 lower petal. Lower petal often with dark veins.
Many Flowers per Head		
Aster	Asteraceae	Sunflower like; composed of many flowers.