

## LABEL plant parts and functions text

The basic plant parts include: Bud, Flower, Fruit, Leaf, Root, Seed, Stem, and Vein.

The bud is the undeveloped flower of a plant. The flower is the reproductive structure in flowering plants where seeds are produced. The fruit is the ripened ovary of a plant that contains the developing seeds. The leaf is the light absorbing structure and food making factory of plants; site of photosynthesis. The root anchors the plant and absorbs water and nutrients from the soil. The seed is the ripened ovule of a plant containing the plant embryo, endosperm (stored food), and a protective seed coat. The stem is the support structure for the flowers and leaves; includes a vascular system (xylem and phloem) for the transport of water and food. The vein is the vascular structure in the leaf.