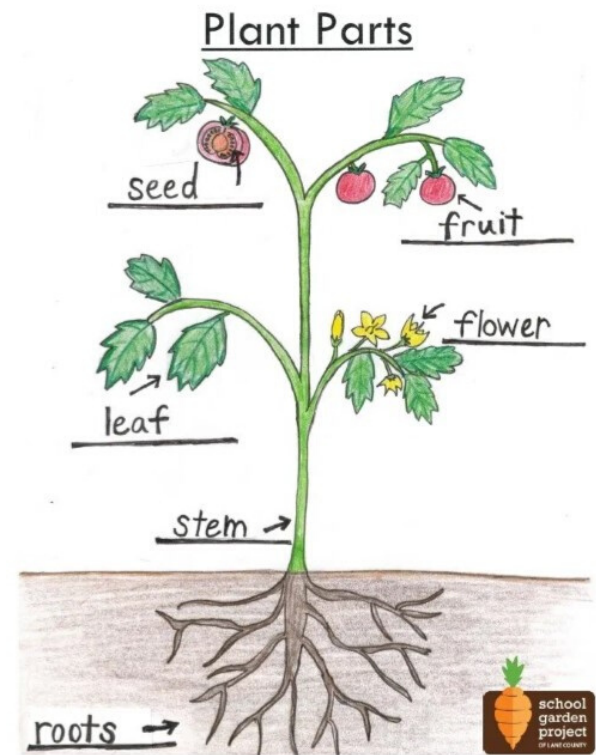




PLANT PARTS INFO

GROW PORTLAND

There are six different plant parts, and each part has an important job to do to help the plant grow, survive or reproduce.



Roots: allow the plant to take up water and nutrients from the soil. Help anchor the plant to the ground.

Stems: carry water and nutrients taken up by the roots to the leaves. Stems also provide support for the plant allowing the leaves to reach the sunlight to produce food.

Leaves: the food making factories of green plants. The site of the process called photosynthesis. In this process, carbon dioxide and water in the presence of chlorophyll (the green pigment) and light energy are changed into glucose (a sugar).

Flowers: not only look pretty but, are important in making seeds. During fertilization, pollen lands on the stigma, a tube grows down the style and enters the ovary. Male reproductive cells travel down the tube and join with the ovule, fertilizing it. The fertilized ovule becomes the seed, and the ovary becomes the fruit. Petals are also important parts of the flower, because they help attract pollinators.

Fruit: the ripened ovary of a plant containing the seeds. Many things we call vegetables are really fruits such as tomatoes, cucumbers, and beans.

Seeds: a tiny plant (embryo) with leaves, stems, and root parts waiting for the right things to happen to make it germinate and grow.

