Links to Agriculture

**Plant Parts**

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Plants come in all shapes and sizes and grow almost

everywhere on Earth. Each plant part has a different job.

**Flowers** produce seeds. **Seeds** can develop into another plant.

**Fruits** grow around the seeds to protect them. They don’t grow on all plants.

**Leaves** are where food for the plant is made.

**Stems** hold the plant up and take the water and nutrients to the rest of the plant.

**Roots** hold the plants in the soil and absorb water and nutrients.

People eat many different parts of plants. Look at each food below.

What part of a plant is it? Draw a line to match.

|  |  |  |
| --- | --- | --- |
| Clipart karotte 3 » Clipart Stationcarrot | **flower** | asparagus |
| **fruit** |
| peas | **seed** | Tomato Clipart Coloring Page 13 800 X 600 Coloring Pages Clip Tomatoes  Clipart Tomato Outline Tom… in 2020 | Coloring pages for kids, Fruit  coloring pages, Coloring pagestomato |
| **leaf** |
| Lettuce Outline | Food Hero #illustration #blackline #lettuce  #bulletinboard #foodhero | Line illustration, Greens, Illustrationlettuce | **stem** | broccoli |
| **root** |



**How Well Did You Read?**

Circle the word that completes the sentence.

1. \_\_\_\_\_\_\_\_\_\_ make food for the plant.

Leaves Seeds Roots

1. \_\_\_\_\_\_\_\_\_\_ produce seeds.

 Roots Stems Flowers

1. \_\_\_\_\_\_\_\_\_\_ protect the seeds.

Leaves Fruits Stems

tomato plant

**Eating the Rainbow**

Vegetables and fruits come in all colors and are part of a healthy diet. Just like there are many colors in the rainbow, you should eat **different colored vegetables and fruits** every day to stay healthy. Can you draw a fruit or vegetable for each color?

|  |  |  |
| --- | --- | --- |
| red | orange | yellow |
| green | blue | purple |



 **Let’s Get to the Root!**

 **An Experiment**

**Materials:**

* 1 carrot
* knife
* small bowl or dish with water
* adult help

**Directions:**

1. Fill a small bowl or dish with one inch of water.

2. Ask an adult to help you cut off about 1 ½ inches from the top of the carrot!

3. Put the carrot top in the bowl of water with the cut side down.

4. Put the bowl in a sunny window.

5. Watch the carrot for a few days.

6. What happens? Draw or write about it.

A carrot is what we call a **taproot**. A taproot is a big, main root that grows straight down into the ground. Along its sides, little roots grow, too. If you look carefully at a carrot before it is peeled, you may see some hair-like roots.

Some trees, plants and bushes have a major taproot, but others do not. Roots are important! They hold a plant in place when it is windy. They keep soil around the plant. And most of all, roots absorb water and nutrients from the soil for the plant.

The leaves of the carrot are usually removed at the market. Leaves make food that allow the carrot to grow. Sunshine is needed for this process.

**What were you able to grow in this experiment?**

Fruit & Veggie Trivia

* Humans eat more than 2,000 types of plants.
* Tomatoes are the most popular fruit in the world.
* Potatoes were the first vegetable to be grown in space.
* Lettuce is the only vegetable or fruit that is never sold frozen, canned, cooked or in any other form but fresh.
* Strawberries are the

only fruit with seeds

on the outside.

Joke Time

1. What did the big flower say to the little flower?
2. Why do leaves fall from dogwood trees?

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**Joke Answer:**

1. What’s up Bud?
2. They’re afraid of the bark.
* Leaves are where ***photosynthesis*** usually occurs - where food for the plant is made. Chlorophyll in

the leaves captures light

energy and uses it to convert

water and carbon dioxide into plant food (glucose) & oxygen for the plant.

* Many plant parts we eat and call vegetables are (scientifically speaking) fruits. A fruit (to a plant) is the part of the plant that develops from a flower and produces seeds. Tomatoes, eggplants, avocados, cucumbers, pumpkins, and zucchinis are actually fruits!

Did You Know …?





 zucchini avocado

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