

Name: _____

What Plants Need to Grow

Watch the video and answer the questions:

<https://www.youtube.com/watch?v=aOQHB3IRK-8>

NOTE: In the video, Jared says that plants get food from the soil. This is not really correct. *Food* is the stuff that provides living-things with energy. As we've learned, plants make their own food. They take the sun's energy and change it into food. This food gives the plants the *energy* they need to grow and make new plants.

But plants need more than *energy* to grow and stay healthy. They also need mineral nutrients (just like people do), and they get these from the soil. (People, on the other hand, get both energy and mineral nutrients from the food we eat.)

Fill in the blanks with these words:

age grown soil taller wider one more

1. In order for plants to grow, they need water, air, sunlight, and nutrients from the _____.
2. As trees grow they get both _____ and _____.
3. You can tell a tree's _____ by counting the number of circles (rings) in a slice of its trunk.
4. Each circle represents _____ year's growth for the tree.
5. When one circle is thicker and wider than the others, it means that the tree must have _____ more that year than it did in the other years. This means that the tree must have gotten _____ water, light, and/or nutrients in the year with the thicker, wider circle.