

Plant Assessment

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| Concepts Assessed | Plants have structures that enable it to transport nutrients and make food. |
| Time | 15 minutes. |
| Materials | <u>Individual</u> Plant Parts Answer Sheet |
| Advance Preparation | 1. Duplicate answer each for each student. |
| Procedure: | |
| 1. | Tell students they will have an opportunity to share what they understand about plant structure and function. |
| 2. | Distribute the prompt to each student and ask him/her to do his/her best work. |

Name _____



Plant Structure and Function

Use what you know to complete this chart.

| Structure | Function |
|-------------------|----------|
| Roots | |
| Stem | |
| Leaves | |
| Xylem | |
| Phloem | |
| Stomate (Stomata) | |
| Chloroplast | |
| Stalk | |

KEY



Plant Structure and Function

Use what you know to complete this chart.

| Structure | Function |
|-------------------|--|
| Roots | Holds plants in place and transports water from the soil into the plant stem |
| Stem | Transports water up the plant to the plant, and food down from the leaves to the rest of the plant |
| Leaves | Where plants make food |
| Xylem | Tube in the stem that transport water and nutrients from the roots to the leaves |
| Phloem | Tube in the stem that transports sugar/food from the leaves to the rest of the plant |
| Stomate (Stomata) | Small openings in the leaf in which carbon dioxide from the air enters the leaf |
| Chloroplast | Organelle in the leaf that contains chloroplast that captures sunlight to help the plant convert carbon dioxide and water to sugar and oxygen in photosynthesis. |
| Stalk | Connection from stem to leaf to transport material/nutrients. |