

• Transport Food Through Plants •

QUESTIONS

1. How do plants transport food from the leaves to the rest of the plant?

MAKING PLANTS

Plants have a special system for transporting food. This system is called the vascular system. It consists of two main parts: the xylem and the phloem. The xylem carries water and minerals from the roots to the leaves. The phloem carries food from the leaves to the rest of the plant.

HOW IT WORKS

The vascular system is made up of long, thin tubes. The xylem tubes are located in the center of the plant, and the phloem tubes are located on the outside. The xylem tubes are made of dead cells, and the phloem tubes are made of living cells. The xylem tubes have thick walls, and the phloem tubes have thin walls. The xylem tubes are connected to the roots, and the phloem tubes are connected to the leaves.

FACTS

Plants can transport food over long distances. Some plants can transport food from the leaves to the roots. Other plants can transport food from the roots to the leaves. The vascular system is a very efficient system for transporting food. It allows plants to grow tall and to live for many years.