

• Transport Food Through Plants •

QUESTIONS

1. How do plants transport food and water?

MAKING PLANTS

Plants have a special system for moving food and water. This system is called the vascular system. It consists of two main parts: xylem and phloem. Xylem moves water and minerals from the roots up to the leaves. Phloem moves food from the leaves down to the rest of the plant.

HOW PLANTS MOVE

Plants use a process called transpiration to move water. Transpiration is the loss of water vapor from the leaves. This creates a pull that draws water up from the roots. Food is moved through the phloem by a process called translocation. This is an active process that requires energy.

ANSWERS

1. Plants transport food and water through their vascular system. Xylem moves water and minerals from the roots up to the leaves. Phloem moves food from the leaves down to the rest of the plant. Transpiration is the process of moving water through the plant. Translocation is the process of moving food through the plant.