

Name _____

Unraveling the Mysteries of Plant Roots: Exploring Different Types and Their Functions

Short Answer Key

1. Taproots are primary roots that grow deep into the soil, providing stability and accessing water from deeper layers.
2. Fibrous roots consist of numerous thin roots close to the soil surface, forming a dense network for efficient water and nutrient absorption.
3. Ivy has adventitious roots that help it climb structures by attaching to surfaces and providing support.
4. Prop roots support top-heavy plants by growing from the lower nodes of stems and providing additional stability.
5. Sweet potatoes have storage roots that swell to store excess food, allowing the plant to survive periods of drought.

