

SC.912.L.14.7 – Plant Structure – Example 3 Answer

If the xylem in a young tree is damaged, which process is **first** affected?

- A. performing photosynthesis
- B. transporting sugar to the roots
- C. transporting water to the leaves
- D. absorbing water from the soil

Answer

D. absorbing water from the soil

Xylem carries water and nutrients from the soil, up into the leaves. The water is used to carry out photosynthesis, the products of which are sugar and oxygen.