

Photosynthesis Answer Key

1. Fill in the blanks

Plants use sunlight, water, and carbon dioxide to make glucose.

They release oxygen into the air.

2. Diagram labels

A. Sunlight / energy from the sun

B. Leaf / chlorophyll

C. Water from the roots

D. Oxygen released or glucose produced, depending on arrow placement

3. Short answer

Sunlight provides the energy plants use to turn water and carbon dioxide into glucose during photosynthesis.

Exit ticket sample

Photosynthesis is the process plants use to make food from sunlight, water, and carbon dioxide while releasing oxygen.

Common misconception to listen for

If students say plants eat soil, clarify that roots absorb water and minerals, while glucose is made mostly in the leaves.