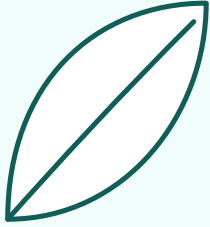


Chloroplasts

6th Grade

Where photosynthesis happens: sunlight, water and CO₂ become glucose.



Where photosynthesis happens — sunlight, water and carbon dioxide become glucose.

FOUND IN
plant only

- Contain the green pigment chlorophyll.
- That pigment is why leaves are green.
- Photosynthesis: CO₂ + water + light → glucose + oxygen.
- Found in leaf and stem cells, never in roots.
- Animal cells have none, which is why animals must eat.

LOOK FOR IT

Think of it as The kitchen that makes the food.

Plant-only parts are the classic exam question: cell wall, chloroplasts, large vacuole.