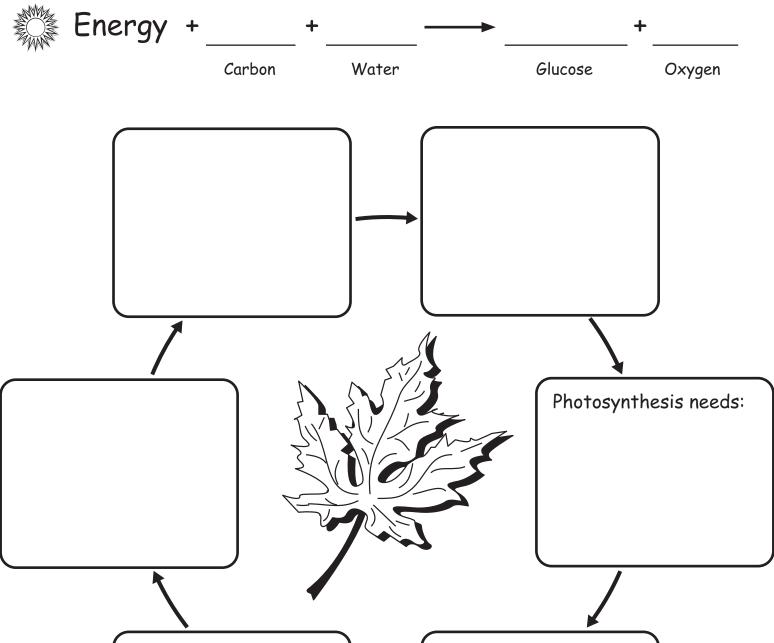


# Photosynthesis Flow Chart

## Photosynthesis Equation:



People and other animals breathe in \_\_\_\_\_ and exhale carbon dioxide.

Plants take in \_\_\_\_\_ and

exhale oxygen.

Photosynthesis makes:

√ \_\_\_\_\_ (food for the plant)

that is released into the air

#### ANSWER KEY

## Photosynthesis Flow Chart

### Photosynthesis Equation:



Energy + 
$$6CO_2$$
 +  $6H_2O \longrightarrow C_6H_{12}O_6$  +  $6O_2$ 

Carbon

Water

Glucose

Oxygen

Carbon dioxide enters leaf through stomata openings.

Chlorophyll pigment in leaf captures energy from the sun.

Water is absorbed by tree roots and transported to leaves.



Photosynthesis needs:

- ✓ Sunlight energy
- ✓ Water from the roots
- ✓ Carbon dioxide from air

People and other animals breathe in oxygen and exhale carbon dioxide.

Plants take in carbon dioxide and exhale oxygen.

Photosynthesis makes:

- ✓ Glucose (food for the plant)
- ✓ Oxygen that is released into the air