

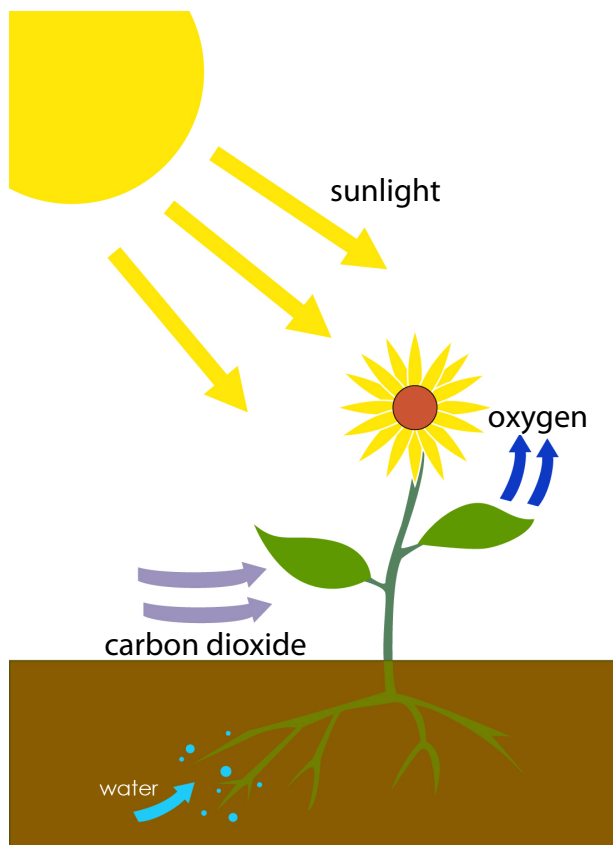
Name: \_\_\_\_\_

Subject: Year 3 Science

Date: \_\_\_\_\_

Sheet: 3b Helping plants grow

## Photosynthesis



Plants use energy from sunlight in order to grow. This process is called **photosynthesis**.

**Chlorophyll** is a green substance that is found in the cells of the plant's leaves. Chlorophyll collects energy from the sun, then mixes carbon dioxide gas from the air with water from the soil. This process creates sugars and other substances which are used by the plant for growth and energy.

### Structure of a plant

During its lifetime, a typical flowering plant grows a **stem, roots, shoots, leaves, flowers, and fruits**. The stem supports the plant and carries water and food materials to the leaves and fruits.

The leaves of a plant collect the light energy from the sun. The flowers of a plant contain the pollen and eggs cells. The fruits of a plant have seeds which eventually grow into new plants.

### Questions:

1. Describe the process of photosynthesis.

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2. What is the green substance called that is found in the plant's leaves?

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3. Name **three** different parts of a plant:

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4. Which part of the plant contains the seeds? \_\_\_\_\_
5. Which part of the plant contains the pollen? \_\_\_\_\_
6. Name **three** things that a plant needs to grow:
- \_\_\_\_\_