

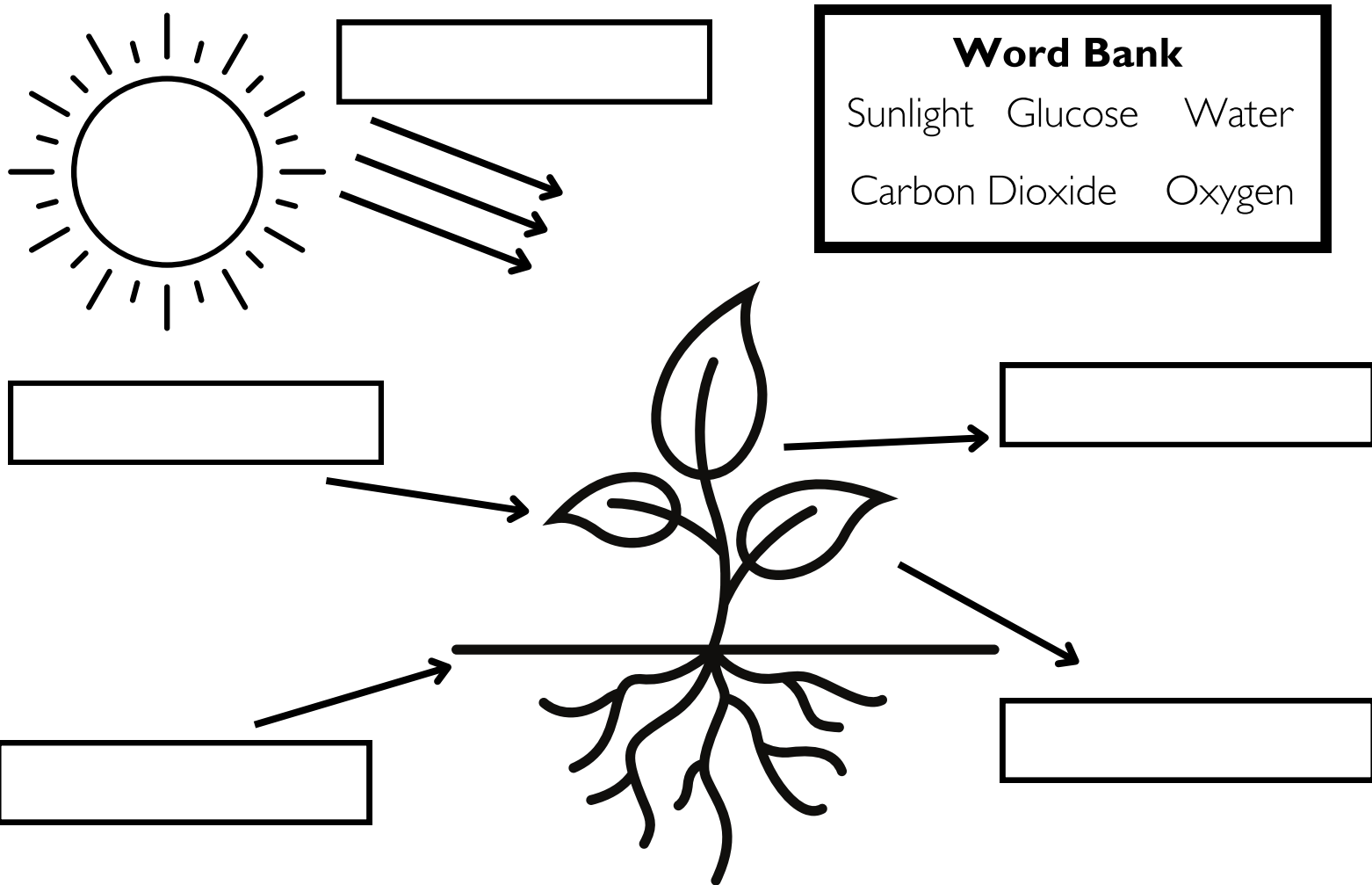
# Photosynthesis

Read and use what you learn to fill in the boxes in the diagram below.

Plants are **producers**, meaning they can produce their own food.

**Photosynthesis** is the process that plants use to make food. Plants need energy from **sunlight** to combine **water** and **carbon dioxide** to make their food, called **glucose**. **Glucose** is a type of sugar that the plant uses to get energy. When plants make their food, they also make **oxygen**. This makes plants really helpful to people because we rely on plants to make the **oxygen** that we breathe.

Using **carbon dioxide** to make their food helps people too. Plants help keep balance in the **carbon cycle** by taking in **carbon dioxide** that humans release when we breathe out.



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