

PHOTOSYNTHESIS

INPUTS AND OUTPUTS WORKSHEET



LEARNING GOAL

I can identify and describe the inputs and outputs of photosynthesis.

KEY VOCABULARY

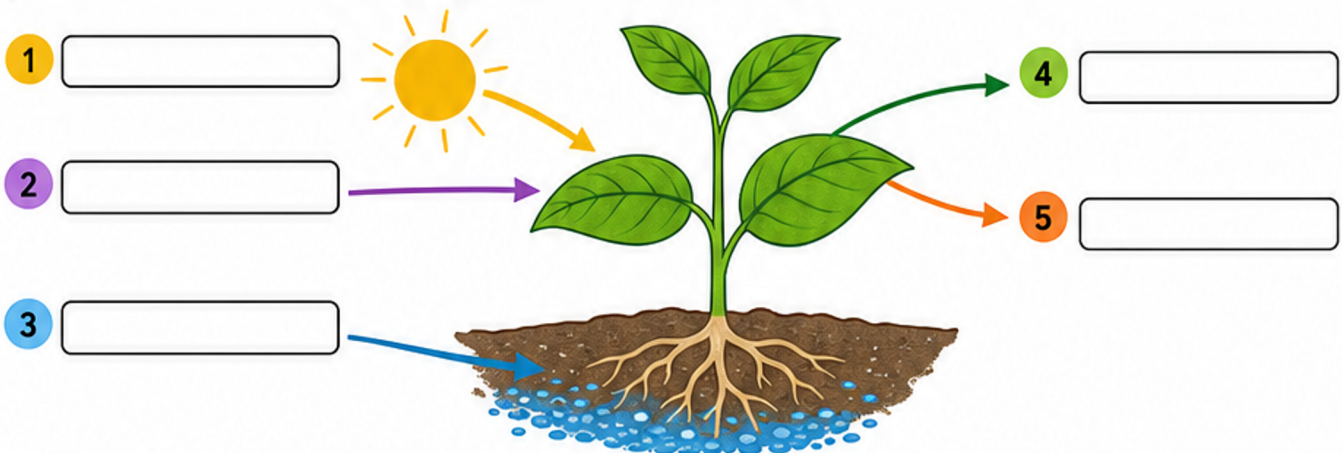
- Photosynthesis
- Input
- Output
- Glucose
- Chlorophyll
- Oxygen

1 Label the diagram using the words in the box.

Light energy

Carbon dioxide (CO₂)Water (H₂O)

Glucose (sugar)

Oxygen (O₂)

2 Complete the table to show the inputs and outputs of photosynthesis.

INPUTS	WHAT IS IT?	OUTPUTS	WHAT IS IT?
1.		4.	
2.		5.	
3.			

3 Answer in full sentences.

a) Why is light energy important in photosynthesis?

b) What would happen if a plant did not have water?

4 Think like a scientist!

Design an investigation to test how light affects photosynthesis.

Question (What will you find out?)	
Prediction (What do you think will happen?)	
Method (What will you do?)	
What will you measure?	
What will you keep the same?	

5 Circle the correct answer.

Photosynthesis mainly occurs in which part of the plant?

- A Roots B Stem C Leaves D Flowers

6 Draw and label a chloroplast.