

- 4 Listen to Alia and Zahra doing their Science homework. Help them to complete the worksheet their teacher has given them.

Vocabulary

respiration: process involving intake of oxygen and release of carbon dioxide to produce energy

Photosynthesis and aerobic respiration

When there is bright light ...

There is more photosynthesis than respiration. So carbon dioxide is taken in¹ and oxygen _____². More oxygen than carbon dioxide _____³.

When there is dim light ...

There is equal photosynthesis and respiration. No gases _____⁴.
In other words, oxygen and carbon dioxide _____⁵ or _____⁶.

When it's dark ...

There is respiration, but there is no photosynthesis. Oxygen _____⁷
and carbon dioxide _____⁸. More carbon dioxide than oxygen _____⁹.