

# Light and Dark

Five friends were talking about when plants carry out the processes of photosynthesis and respiration. This is what they said:

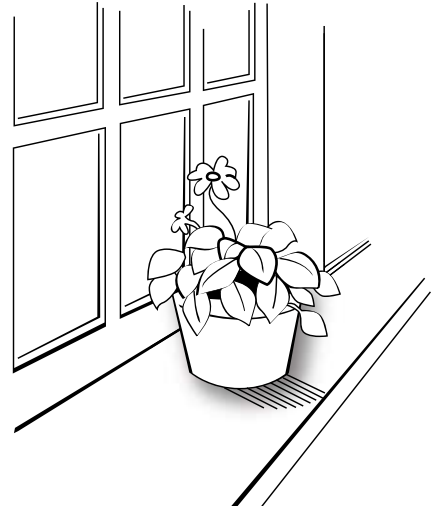
**Janet:** “Photosynthesis and respiration occur both when it is light and when it is dark.”

**Calvin:** “Photosynthesis occurs when it is light; respiration occurs when it is dark.”

**Mika:** “Photosynthesis occurs when it is light; respiration occurs both when it is light and when it is dark.”

**Turner:** “Photosynthesis occurs both when it is light and when it is dark; respiration happens at night.”

**Sophie:** “Photosynthesis occurs in the light; plants don’t carry out the process of respiration.”



Whom do you agree with the most? \_\_\_\_\_ Explain why you agree with that person and not the others.

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