



SfS Away from the Classroom!

LS22: Photosynthesis - The Game (Recommended for Grades 3-5)

Please use the following resources to learn about photosynthesis!

Watch this Video: <https://www.youtube.com/watch?v=EstPeBt9CyU>

Answer these questions:

- What do plants need to go through photosynthesis?
- What do plants make in the process of photosynthesis?
- If 2 plants are given the same amount of water and kept at the same temperature, but 1 is put in the dark and 1 is put in the light, what happens? Why does this happen?

Activity: Follow these directions to see proof of photosynthesis!

You will need:

• Small container with a lid	• 2-3 blades of green grass	• Water
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Instructions:

1. Go outside and collect a few blades of green grass.
 2. Place the grass in the container and pour water over the grass.
 3. Place the lid on the container and wait 5-10 minutes.
- What do you observe?
 - What are the small bubbles?
 - Why are the small bubbles produced?

Watch this video if you need help with this activity.

https://drive.google.com/file/d/1k0AZDhNouFrcdbSH_Q8tACmZBsJ0ZdMS/view?usp=sharing

Make observations & use Claims, Evidence, and Reasoning!

1. **Claim:** Plants are going through photosynthesis today.
 - **Evidence:**
 - **Reasoning:**
2. **Claim:** Plants are not going through photosynthesis today.
 - **Evidence:**
 - **Reasoning:**

