

# Sunlight and Photosynthesis

## Explain Activity

Questions for: UNC-TV Science Feature **Plants and Shadows**

1. What does Professor Jones mean when he says “you can really think of sunlight as a nutrient?”
2. List the three basic things plants need to survive.
3. What compound in the plant captures sunlight, and where in the plant is it located?
4. What would happen to a plant if it failed to recognize a shadow?
5. How long does a shadow have to last in order for a plant to recognize it?
6. What is RGS1, and what function does it perform related to photosynthesis?