

## **What is Photosynthesis: Leaf Investigation**

### *Equipment*

- (2) clear containers
- (2) rocks that are about the same size and weight
- (2) freshly picked green leaves
- (1) measuring cup

### *Setting Up the Investigation*

1. Collect your leaves immediately before beginning the investigation. Make sure to choose leaves that are about the same size from the same plant. You will need leaves that are alive and green, not dead or brown! Large leaves may also work better.
2. Use a measuring cup to fill the two clear containers with the same amount of lukewarm water.
3. Place each leaf in one of the containers. Put a small rock on top of the leaf so it is fully submerged underwater on the bottom of the container.
4. Check with a parent or guardian to see where to place your containers! You will want to put one in a sunny spot outside, or under a bright light, and the other in a dark, shaded space indoors.
5. Leave the containers in place for at least half an hour. Come back to see what happens!