



Simple Science



- Let's explore leaves*



Materials Needed: clear bowl (non- clear will work too), water, small rock, leaf

- Directions:**
1. Fill clear bowl with enough water to submerge leaf.
 2. Pick a leaf off a tree.
 3. Place leaf in bottom of bowl and put rock on leaf to keep it down.
 4. Place bowl in sunny location.
 5. Observe the leaf for several hours, what do you see?

Science: When you observe the leaf over several hours you will begin to see tiny bubbles form on the leaf, and in the bowl. **The bubbles are the oxygen** given off by the leaves. This process is called **photosynthesis**. The leaves soak in sunlight and use that to make oxygen which they release into the air. This is one way trees are good for us, they provide us with much needed oxygen!!



?????Questions to Ponder?????

Do the bubbles increase or decrease the longer they are in the sun?

Would the bubbles form if the bowl is in the shade?

Do all leaves make oxygen?

Can I try this experiment using different leaves?