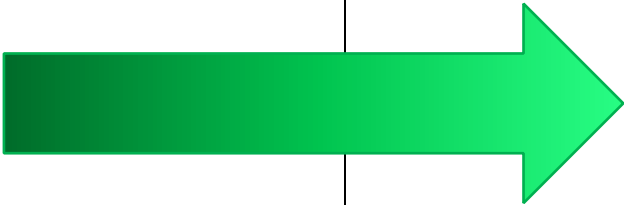


Name \_\_\_\_\_

## Leaf Investigation Lab

Cause	Observations
what do you think caused the leaf to look like that?	what does the leaf look like?
	

Observations of leaf undersides through a microscope. What do you see?

## Ozone & Living Things

Ozone is a gas made of oxygen that is found in Earth's atmosphere. When it is formed high in the atmosphere, ozone is helpful for living things because it can block harmful radiation from the sun. However, when ozone is formed close to Earth's surface, it can damage the delicate parts of living things. This kind of ozone is formed from air pollution that comes from cars, trucks, and power plants. Ozone enters trees and other plants through their stomata and can damage the leaves so that they cannot perform photosynthesis well. Ozone can also be harmful to humans if they breathe it in, especially if the person who breathes it already has problems with their respiratory system.

1. What is ozone? \_\_\_\_\_
2. What kind of ozone is harmful to living things? \_\_\_\_\_
3. What kind of ozone is helpful to living things? \_\_\_\_\_
4. What effect does ozone have on the inside of plant leaves? \_\_\_\_\_  
\_\_\_\_\_

### Summary

Write a hypothesis based on what we learned today about why Tatiana and Calvin have a hard time breathing when they go outside. Your hypothesis should include what you know about ozone and how it can affect the insides of living things.

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