



This page was taken from the G5 journal, "How plants Live and Grow."



## We need plants to breathe

The oxygen made during photosynthesis escapes the plant through the stomata. In some ways, we can think of photosynthesis as the opposite of humans breathing. Humans breathe in oxygen and exhale carbon dioxide. Plants take in carbon dioxide and release oxygen. Plants and animals depend on each other to be able to breathe. Globally, plants breathe out a LOT of oxygen each year. If you were to capture all of the oxygen plants produce each year through photosynthesis, you would be able to fill over 100 TRILLION hot air balloons.



*The amount of oxygen that plants make on Earth every year could fill 100 trillion hot air balloons. Humans and all other animals depend on plants to make the oxygen that we breathe.*