Plants use carbon dioxide from the air during photosynthesis, and release oxygen. They absorb water and tiny bits of soil are carried with it to the ground below.

Water falls from clouds that form in the air. Pollutants and tiny bits of soil are carried with it to the ground below.

The air is in constant motion around the earth (wind). As it moves, it absorbs water from lakes, rivers and oceans, picks up soil from the land, and moves pollutants in the air.

How many manmade sources of air pollution can you find here?

Can you find people doing things to limit air pollution?

Air pollution from one place can cause problems many miles from where it started.

Ozone (GOOD) is a gas that occurs naturally in the upper atmosphere. It filters the sun's ultraviolet rays and protects life on the planet from the burning rays.

Ozone (BAD) sometimes forms at ground level when the weather is hot and sunny and the air is polluted. It makes breathing difficult, especially for people with asthma.

Acid rain forms when sulfur oxides and nitrogen oxides mix with water vapor in the air. Because wind moves the air, acid rain can fall hundreds of miles from its source. Acid rain can make lakes so acidic that plants and animals can't live in the water.

Greenhouse gases, sulfur oxides and nitrogen oxides are added to the air when coal, oil and natural gas are burned to provide energy.

CARS, TRUCKS & BUSES add carbon dioxide, sulfur oxides, nitrogen oxides and particulate matter to the air. Carbon dioxide is a gas and contributes to climate change. The other pollutants contribute to acid rain, ground-level ozone and smog.

Choosing to get around without motorized transportation is not only good for the air, it's good for everyone, too.

Choosing to get around without motorized transportation is not only good for the air, it's good for everyone, too.