

What Causes the Wind To Blow?

Wind is air in motion. It is produced by the uneven heating of the earth's surface by the sun. Since the earth's surface is made of various land and water formations, it absorbs the sun's radiation unevenly. As the sun warms the Earth's surface, the **atmosphere** warms too. Some parts of the Earth receive direct rays from the sun all year and are always warm. Other places receive indirect rays, so the climate is colder. Warm air, which weighs less than cold air, rises. Then cool air moves in and replaces the rising warm air. This movement of air is what makes the wind blow.

source <http://www.weatherwizkids.com/weather-wind.htm> ,
http://kids.lovetoknow.com/wiki/Wind_Education_for_Children