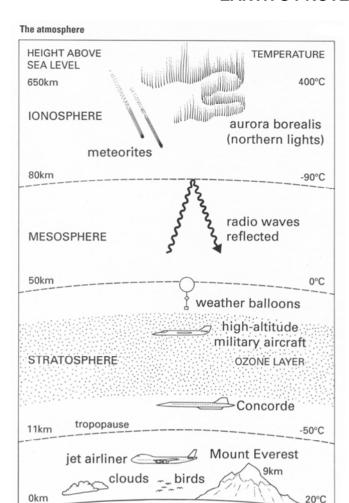
EARTH'S PROTECTIVE SHIELD





Earth is surrounded by invisible gases that form a thin protective blanket that we call the **atmosphere**. It contains the oxygen that we breath as well as other important gases such as nitrogen, carbon dioxide, water vapor, and ozone. It protects us from the Sun's harmful rays, burns and destroys meteors that are headed toward Earth, and it keeps our planet from having extreme temperature changes. Without this protective blanket we would have very hot days and freezing nights.

The atmosphere is divided vertically into four layers based on temperature: the troposphere, stratosphere, mesosphere, and thermosphere. Most of the atmosphere is in the troposphere which starts from ground level to about ten miles. We live in the troposphere were most of our weather conditions, like clouds, rain, and storms are produced in the troposphere.

Make as many words as you can from the word ATMOSPHERE

Note: You may find more than the lines allow