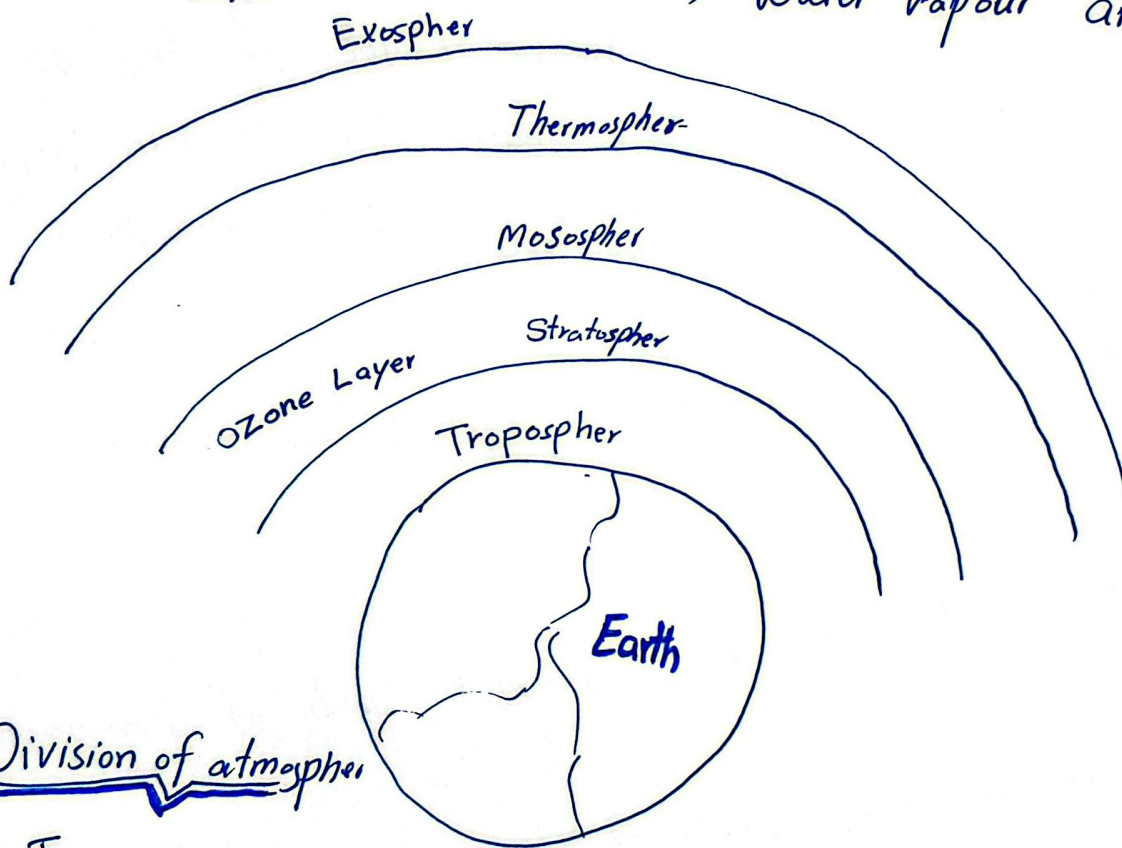


# Atmosphere

Atmosphere is a gaseous layer surrounding the Earth. In other words we can say that Earth is surrounded with different gases. These gases are divided into two different kinds such as constant gases (oxygen and Nitrogen) and variable gases (carbon dioxide, water vapour and ozone) and essential for life.



## Division of atmosphere

### ① Troposphere:

It starts at Earth's surface and goes up 12 KM. We live in this layer and where weather happens (clouds, rain etc)

## ② Stratosphere

It starts at about 12 km and goes upto 50 km. This layer contains ozone layer which protects us from harmful ultraviolet radiation and helps to maintain the temperature of the Earth.

## ③ Mesosphere

This is the middle layer of the atmosphere. and starts from 50 km to 80 km high. It is coldest layer of the atmosphere.

## ④ Thermosphere :

This layer is the hottest layer

## ⑤ Exosphere :

This is the outermost part of atmosphere.

Atmosphere is very important to sustain life on the Earth. oxygen is necessary to live and ozone layer is very necessary to protect the UV rays which are harmful for human health.