

**Welland GouldSmith school**

**Worksheet**

**Subject: Geography**

**Class:7**

**CHAPTER 2:ATMOSPHERE**

The atmosphere is the blanket of gasses which surrounds the Earth. The atmosphere keeps the climate on Earth moderate compared to that of the other planets.

The atmosphere contains many gasses.

Nitrogen amounts to nearly 78% of the volume of air while oxygen makes about 21%.

The atmosphere acts as a shield around the Earth and protects the Earth from cosmic rays.

It acts as a barrier protecting the Earth from the meteors. There are 4 major layers of the atmosphere of the Earth.

They are troposphere, stratosphere , mesosphere and Thermosphere.

Greenhouse effects solar radiation reaches the Earth's atmosphere some of this is reflected back into space.

Rest of the Sun's energy is absorbed by the land and the oceans, heating the Earth.

The depletion of ozone layer is caused mainly due to chlorofluorocarbon or CFC gas.

To reduce global warming

1. we need to plant more trees.
2. ban on use of chlorofluorocarbons.
3. Following the principle of 3R's, re use, recycle and reduce.

**Q1. Define the following:**

- a. Air
- b. green house effect
- c. ionosphere
- d. atmosphere

**Q2. fill in the blanks:**

- a. \_\_\_\_\_ generally used as a synonym for atmosphere.
- b. The upper portion of the thermosphere is called \_\_\_\_\_.
- c. \_\_\_\_\_ is produced when plants die and rot.
- d. \_\_\_\_\_ occurs naturally in the atmosphere.

**Q3.ANSWER THE FOLLOWING QUESTION:**

- a.Mention any 2 impact of global warming.
- b.Write any 4.usefulness of the atmosphere.
- c.Mention 5 ways to reduce Global warming.

**Q5.Draw the structure of the atmosphere.**