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AIR



Learning Objectives

After the completion of this lesson, students will be able to:

- ❖ Know about different layers of atmosphere.
- ❖ Understand the causes of air pollution.
- ❖ List out the ways of reducing air pollution.
- ❖ Know about the airborne diseases.
- ❖ Understand the importance of air in daily life.



Introduction

Air is present everywhere around us. Though we cannot see it we can feel it. Air is a mixture of gases like oxygen, nitrogen, carbon dioxide and hydrogen. These gases act as an envelope around the earth and form the atmosphere. It is the presence of atmosphere that makes the earth a suitable place for living. In the recent years more number of industries has been established and they release excess of harmful gases like carbon dioxide into the atmosphere. Because of this air is polluted more than ever before. In this lesson we are going to study about different layers of atmosphere, air pollution, air borne diseases and the measures to control air pollution.



I. Atmosphere

The earth is surrounded by a layer of gases which is called the atmosphere. It is composed mainly of nitrogen (78%) and oxygen (21%). Other gases like carbon dioxide and argon comprise 1% of the atmosphere by volume. The atmosphere is like a blanket that surrounds the earth. It protects the Earth from getting too cold or too hot.