

AIR: A FIRST FILM (Revised)

SYNOPSIS

Air is a life-giving blanket around the earth. All living things need air. Although it is all around us, air cannot be seen. We use it in many ways, and moving air brings us weather changes. It is a very important part of our world. Without it, life on earth would not be possible. The second edition of AIR includes experiments demonstrating the weight of air, as well as many more examples of its importance.

OBJECTIVES

1. To show how and why air is important to us.
2. To show how we use it for energy, transportation, and recreation.
3. To show how moving air causes weather changes.

AFTER-VIEWING DISCUSSION

1. What do we call air that is moving?
2. How would the sky look if there were no air?
3. Look at the world outside your classroom. What things do you see that would not be there if there were no air?
4. List some of the ways we use air. Make a list on the board of all your ideas.
5. Is hot air heavier or lighter than cool air? What experiment proves this?
6. What are the ways we use air for energy? What other examples of the importance of air did you see in this film?
7. What changes in the air does man cause in the cities?
8. In what ways does air give beauty to the world we live in?

VOCABULARY

windmill

barren

smog

scattered

volcano

breathe

thunderhead

moist

weather

compress

balloon

Running Time: 12 minutes

Subject Areas: Earth Science