

1 *Meteorology: Lightning - Mysterious Power*

Lightning is the most frequent of weather phenomena, striking the earth one hundred times each second. Featuring footage of different kinds of lightning, this SCIENCE SCREEN REPORT FOR KIDS shows how scientists and engineers go about studying this unpredictable and dangerously powerful force, what they have learned about it, and do's and don'ts during thunderstorms. Running Time: 13:20

2 *Environmental Science: The Importance of Biodiversity*

This issue explains why some scientists warn that maintaining the variety of life forms on our planet - its biodiversity - may be crucial to the survival of the entire web of life on Earth. SSR FOR KIDS visits an environmental research facility, the world's largest specimen collection, and follows researchers conducting biodiversity studies in a rain forest and on a coral reef. Running Time: 15:40

3 *Ecology: Life in the Deserts*

Although deserts present some of the driest and harshest environments on earth, they are diverse and delicate ecosystems, supporting an amazing variety of life forms. Learn why and when the great deserts formed; journey to the different desert landscapes of the Sahara, the Kalahari, the Namib, and the southwestern United States; and see how desert dwelling plants and animals have adapted for life in their extreme habitats. Running Time: 15:00

4 *Mineralogy: Conserving Our Precious Minerals*

Modern civilization has been built upon the use of earth's mineral resources. Exploring the many ways minerals touch our lives everyday, this edition surveys the sources and uses of some of the minerals which have become most important to us, and looks at efforts to conserve and find suitable substitutes for these indispensable, non-renewable, natural resources. Running Time: 11:50

5 *Physiology: The History of the Brain*

This program is the first in a special SSR FOR KIDS series about the human brain. To explain how the structure, complexity, and capability of the human brain make us different from other animals, it traces the advancement of brains from what were probably simple bundles of nerve cells in the most primitive life forms to larger and increasingly on earth. Running Time: 12:15

6 *Physiology: The Brain - The First Computer*

The human brain is more complex than even the most advanced computer, but the second program in our series about the brain makes the comparison to explain what we know about how our brains process information, including how the brain controls the body, how it reacts to substances from outside the body and within it, and some recent findings from brain research. Running Time: 12:33

7/8 *Entomology: The Buzz About Bees*

Bees are very important to humankind because they pollinate many plants essential to our food supply. This issue looks to the past to learn how the special relationship between bees and flowers developed. Showing some of the thousands of kinds of bees, it also reveals how they find and gather pollen, how they communicate, and how some species came to live in complex societies. Running Time: 22:15

