



Animals and How They Live II

Science
AIMS 1995

10 20-minute programs for grades K-4
Unrestricted Use for Educational Purposes

Life cycles, modes of locomotion, sense organs, diets, and natural enemies are the focus of this life science series on animals. Beautiful wilderness photography captures the animals living in their natural habitats and shows the unique skills they have adapted in order to survive. The ways in which each animal interacts with its habitat is shown, and special characteristics of the animal are identified.

101 Trumpeter Swans and How They Live

Science: 3.4, 4.5, 5.5

Visit the Yellowstone Park region for a look at trumpeter swans. Magnificent crystalline views of this graceful bird and postcard vistas of snowcapped peaks set the mood for the narration that inspires awe and appreciation for this threatened species.

102 Desert Toads and How They Live

Science: 3.4, 4.5, 5.5

The scenic and rustic beauty of the Sonoran Desert of Arizona is the setting for this rare look at the life cycle of the desert toad. The narration provides information about the desert toad's hibernation, mating, and hunting habits. The mysterious development of the toad from egg to tiny tadpole to adult is thoroughly explored.

103 Bats and How They Live

Science: 3.4, 4.5, 5.5, 6.2

Close-up, slow-motion photography captures a rare and unique view of a variety of species of bats in their natural environments. The program discusses the bat's anatomy, flight movements, and hunting abilities. Intensive scientific studies are featured, showing how bats are able to navigate at night using echolocation. This program provides fascinating look into the life cycle of the only mammal that can fly.

104 Beavers and How They Live

Science: 3.4, 4.5, 5.5

Viewers are taken inside a beaver's natural habitat to get a peek at how a beaver builds its home for protection from predators and harsh weather conditions. The program discusses the beaver's physical attributes and how well-adapted it is to its environment. Also explained is the beaver's life-span, its eating and sleeping habits, and how it cares for its young.

105 Grizzly Bears and How They Live

Science: 3.4, 4.5, 5.5

Follow a grizzly bear family in the Northern Alaskan mountains from mid-summer through early autumn. Within this time, viewers see a mother nursing and protecting her cubs, the quick growth of the cubs, and how they prepare for hibernation. The program illustrates that, although they have poor hearing and eyesight, grizzly bears have an excellent sense of smell, which helps them in their hunt for food.

106 Hummingbirds and How They Live

Science: 3.4, 4.5, 5.5

This show focuses on the ingenious methods by which the tiny hummingbird, a miniature high performance machine, copes with its environment. In Belize-with the help of ultra slow-motion photography- viewers are able to

observe several species as they feed, establish territory, build nests, bathe and evade capture by snakes.

107 Wolves and How They Live

Science: 3.4,4.5,5.5

Today the wolf is an endangered species, a rare animal that increasingly lives only in our minds and legends. Often depicted as a loner or as a member of a savage pack, the wolf is neither. Wolves are social animals who live in an extended family group in which each wolf plays a different role. This insightful program shows an animal that is loyal, intelligent, and playful. .

108 Seals and How They Live

Science: 3.4, 4.5, 5.5

Underwater photography provides an up-close view of seals living in their natural habitats. Seals are marine mammals that evolved from land mammals 30 million years ago and look like playful undersea puppies. Although awkward on land, they appear sleek and graceful underwater. Remarkable scenes of seals approaching a group of divers reveal their curious and inquisitive nature, as they use their excellent senses of hearing, smell, and taste to investigate these visitors. Heavily hunted in the past, New England seals are finally recovering from their past abuse.

109 Giraffes and How They Live

Science: 3.4, 4.5, 5.5

A lofty view of Africa's Serengeti is the giraffe's greatest asset; yet, it is only one outstanding attribute of the tallest animal on Earth. This program examines the giraffe's world: its predators, such as the lion, which the giraffe can outrun; its traveling companion, the oxpecker bird, which uses these giant mammals as a moving picnic; and, its daily struggle to survive.

110 Buffalo and How They Live

Science: 3.4, 4.5, 5.5

In Yellowstone National Park the buffalo still exist as a majestic ruler of the plains-in much the same way they did centuries ago. Cinematographer Bob Landis records extraordinary scenes of the Yellowstone buffalo -a newborn calf struggling through a blinding spring snow storm, the bulls as they spar and battle for dominance, their courting techniques, how they defend their young, and a look at other participants in this ecosystem-such as the elk and the omnipresent coyote. It's a program both heroic in scale and romantic in its beauty.