

## GRADE 1 Needs and Characteristics of Living Things

### About Flowers

**K00753,VH** VHS video  
6 min PJJHA 0494 NoDup  
This video cassette explores & explains why flowers attract bees, how fertilization occurs, how seeds are formed, and how old plants die and new plants come to life.

### About Flowers

**DV0834,DV** DVD  
7 min PJ 2011 0494 NoDup  
About Flowers DVD. A nature lesson taught in a field of flowers. Designed for elementary science studies, the film answers questions that children ask. Two children playing in a meadow learn from an elderly neighbor how and why flowers attract bees, how fertilization occurs, how seeds are formed, how old plants die and new plants come to life.

### ALL ABOUT SEEDS & ROOTS OF A PLANT (3 models in 3-D)

**MM0109,MM** Multi-Media K  
PJ 2004 NoDup  
This colourful teaching model was designed for hands-on use. The models are made of non-toxic, damage-proof, foam. One model of the roots system and two models of seed-to-plant system.

### Animal Life Cycles Dvd

**DV0487,DV** DVD  
14 min PJ 2009 NoDup  
Children learn that living things grow and change. They learn to compare animal parents and babies. They see that some animal babies do not look like their parents. From tadpole to frog, egg to chicken, caterpillar to butterfly, and puppy to dog; students are introduced to, and learn the stages of, the life cycles of animals. DVD Features:  
(1) Introduction (2) Amphibians (3) Mammals (4) Birds (5) Reptiles (6) Fish (7) Insects (8) Review (99) End.  
Produced by School Videos.

### ANIMAL LIFE FOR CHILDREN series

15 min PJ 2005 NoDup  
Animal Life for Children series gives students the chance to get up close and personal with a colourful parade of animal species. From bees to bears and almon to salamanders, young viewers will learn the animal basics: characteristics of different species, animal needs for survival, how animals adapt to their environments, how they communicate and how different species become endangered. Video field trips to zoos, wildlife refuges and marine centres help students gain insight into the world of scientists who work with animals daily. Each program also includes a hands-on experiment or demonstration to further illustrate key concepts.

### ANIMAL LIFE FOR CHILDREN: All About Food Chains

**003035,VH** VHS video  
15 min PJ 2005 NoDup  
Every living thing on the Earth needs energy to survive. But have you ever wondered where this energy comes from? In this video, young students will learn about how energy from the sun is passed on from one living thing to another. Students will take a look at examples of various food chains, identifying the difference between producers, consumers and decomposers while examining the roles that they play. They will also climb aboard a research vessel to learn about the importance of plankton within the marine food chain. In addition, in a fun, hands-on experiment, students will examine the composition of owl pellets in order to determine the owl's role in the food chain.

### Animal Lifecycles

**002822,VH** VHS video  
14 min PJ 2005 0665 NoDup  
Young students learn that living things grow and change. They learn to compare animal parents and babies. They see that some animal babies do not look like their parents. From tadpole to frog, egg to chicken, caterpillar to butterfly, and puppy to dog, students are introduced to and learn the stage of the life cycles of animals.

### BERENSTAIN BEARS series

P 2006 NoDup  
The Berenstain Bears are a fictional family of bears created by Stan and Jan Berenstain in a series of very popular children's books.

### THE BERENSTAIN BEARS VISIT THE DENTIST and 4 other stories

**DV0296,DV** DVD  
30 min P 2006 0621 NoDup  
When Sister gets her first loose tooth, Brother teases her that the dentist will extract it with a big yanking tool. After Sister watches Brother get a cavity filled, she discovers that her dentist is a very gentle fellow and he assures her that most baby teeth don't need yanking. They fall out all on their own. Also includes: Excuse Note; Ferdy Factual; Don't Pollute; and Nothing To Do.

### Bill Nye the Science Guy

25 min PJ 1999 0430 NoDup  
Scientist/Comedian Bill Nye stars as the host of this video series designed to get students interested in the science of everyday, and some not-so-everyday, things. On a full range of subjects, including ecology, biology, chemistry and physics, Nye gives an easy-to-understand, yet informative lesson that students will enjoy.

### Bill Nye the Science Guy: Cells

**K00046,VH** VHS video  
26 min PJJHA NoDup  
Mad scientist Bill Nye CELLebrates the basic unit that makes up all living organisms -the cell. This exCELLent episode zooms in on DNA and creatures like amoebas and paramecium and includes a parody of Jimi Hendrix' "Purple Haze".

### Bill Nye the Science Guy: Flowers

**001352,VH** VHS video  
25 min PJH 1998 0779 NoDup  
The Science Guy with the help of guest Drew Barrymore, shows that flowers are more than just pretty faces: they make seeds, play a key role in pollination and help plants to reproduce.

### Bill Nye the Science Guy: Food Web

**K00019,VH** VHS video  
26 min PJJHA 0779 NoDup  
Watch Bill Nye become tangled in a complex food web in his quest to demonstrate that all living things depend on other living things to survive.

### Bill Nye the Science Guy: Forest

**K00004,VH** VHS video  
26 min PJJHA 0779 NoDup  
Follow Bill Nye out on a limb when he goes swinging through the trees to bring viewers closer to the tallest and possibly the oldest living things in the world. Forest ecologist, Nalini Nadkarni, climbs to the forest canopy to study what's going on up there.