

NATIONAL SCIENCE STANDARDS K–4 CORRELATIONS FOR TRUE BLUE FRIEND

PHYSICAL SCIENCE Grades K–4

Content Standard B:

As a result of activities in grades K–4, all students should develop understanding of

- Position and motion of objects

Position and Motion of Objects

- Sound is produced by vibrating objects.

(The CD-ROM gives a brief lesson on echolocation with printable activities on locating and focusing sounds.)

LIFE SCIENCE Grades K–4

Content Standard C:

As a result of activities in grades K–4, all students should develop understanding of

- The characteristics of organisms
- Organisms and environments

The Characteristics of Organisms

- Organisms have basic needs. Organisms can survive only in environments in which their needs are met.
- Each plant or animal has different structures that serve different functions in growth, survival, and reproduction.
- The behavior of individual organisms is influenced by internal cues (such as hunger) and external cues (such as a change in the environment). Humans and other organisms have senses that help them detect internal and external cues.

Organisms and their Environments

- An organism's patterns of behavior are related to the nature of that organism's environment.
- Humans depend on their natural and constructed environments. Humans change environments in ways that can be either beneficial or detrimental for themselves and other organisms.

(CD lessons compare whale and fish anatomy and how marine mammals are adapted for life in the ocean. Students also learn about the features of different types of whales and their behaviors.)

SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES Grades K–4

Content Standard F:

As a result of activities in grades K-4, all students should develop understanding of

- Types of Resources
- Changes in Environments

Types of Resources

- The supply of many resources is limited. If used, resources can be extended through recycling and decreased use.

Changes in Environments

- Changes in environments can be natural or influenced by humans. Some changes are good, some are bad, and some are neither good nor bad. Pollution is a change in the environment that can influence the health, survival or activities of organisms, including humans.

(Conservation issues affecting whales and the ocean are presented on the CD.)

Correlations to state standards can be found on our web site: www.blockpub.com