



## Grade 1 Science

### *Kindergarten to Grade 4 Science: A Foundation for Implementation 1999*

#### Student Learning Outcomes Related to Sustainable Development

##### Cluster 1: Characteristics and Needs of Living Things

1-1-08 Describe what is needed to care for a pet, a farm animal, or an indoor plant.

*Example: provide fresh water for their hamster daily ...*

1-1-10 Describe how humans and other living things depend on their environment to meet their needs.

*Examples: the environment provides humans and other living things with food ...*

1-1-12 Identify hobbies and jobs that require knowledge of the needs of living things.

*Examples: gardeners, nurses, zookeepers...*

1-1-13 Develop, implement, and evaluate personal and group action plans that contribute to a healthy environment for themselves and for other living things.

*Examples: wash hands before eating, reduce amount of waste produced by class...*

1-1-14 Show respect for living things in their immediate environment.

*Examples: handling the class gerbil with care...*

##### Cluster 3: Characteristics of Objects and Materials

1-3-11 Demonstrate ways to reduce, reuse, and recycle materials during classroom learning experiences.

##### Cluster 4: Daily and Seasonal Changes

1-4-14 Describe safety precautions related to daily weather, the changing of the season, and weather extremes.

*Examples: wearing a raincoat if rain is expected, staying indoors during a blizzard, staying off thin ice in the spring and fall ...*

1-4-17 Use the design process to construct a device or structure that helps a Manitoba animal adjust to seasonal changes.

*Examples: winter birdfeeder, dog house, dog "booties" for winter...*