

## CHAPTER 1 STUDY GUIDE

- The *cell* is the smallest unit of a living thing.
- Plant and animal cells have a *cell membrane*.
- The job of the *nucleus* is to control the cell's activities.
- Cells that look similar can have different *jobs*.
- A *microscope* makes it easier to see small details.
- *Fungi* live on land and get food from other living or non-living things.
- *Species* is the second part of an organism's scientific name.
- Liverworts are *nonvascular*.
- Pine trees make seeds in *cones*, not in flowers.
- *Vertebrates* have a backbone. *Invertebrates* do not.
- Spiders are *arthropods*.
- Fur color is an *inherited trait*.
- Bears must *learn* how to fish.
- *Adaptations* can be colors that scare away predators.
- Know the life cycle of a Burmese python and a garden snail:
  - Both lay eggs
  - Snails leave the eggs. Pythons stay till the eggs hatch.
  - Both baby animals are on their own at birth.
  - Pythons live longer than snails.

Canadian geese have an instinct to survive the winter by flying to warm places to find food. They return north in the spring.

