

Classes Aligned with Minnesota State Science Standards...

- ❖ **Bog Trek**
 - Grade 5 IV (F)—3 The student will recognize that organisms are growing, dying and decaying, and that their matter is recycled.
 - Grade 7 IV (C)—1 The student will provide examples of the potentially irreversible effects of human activity on ecosystems.
 - Grade 7 IV (C)—3 The student will define an ecosystem as all populations living together and the physical factors with which they interact.
- ❖ **Cross Country Skiing**
 - Grade 5 II (D)—2 The student will demonstrate that the greater the force applied, the greater the change in motion.
- ❖ **Deer Browse**
 - Grade 7 IV (F)—2 The student will explain how energy is transferred through food chains and food webs in an ecosystem.
 - Grade 6 I (A)—2 The student will explain why scientists often repeat investigations to be sure of the results.
- ❖ **Dumpster Diving**
 - Grade 7 IV (C)—1 The student will provide examples of the potentially irreversible effects of human activity on ecosystems.
- ❖ **Frog Pond**
 - Grade 7 IV (E)—3 The student will explain how biological adaptations in structure, function and behavior enhance the reproductive success and survival of a species in a particular environment.
- ❖ **Go Bats**
 - Grade 7 IV (E)—3 The student will explain how biological adaptations in structure, function and behavior enhance the reproductive success and survival of a species in a particular environment.
- ❖ **Hypothermia**
 - Grade 6 II (C)—2 The student will recognize that heat is transferred by convection, conduction and radiation from warmer objects to cooler ones until both reach the same temperature.
- ❖ **Insects**
 - Grade 4 IV (B)—1 The student will classify plants and animals according to their physical characteristics.
- ❖ **Lake Bottom Organisms**
 - Grade 4 III (B)—2 The student will identify where water exists on Earth.
 - Grade 4 IV (B)—1 The student will classify plants and animals according to their physical characteristics.
 - Grade 5 IV (F)—1 The student will recognize that organisms need energy to stay alive and grow, and that this energy originates from the sun.
 - Grade 5 IV (F)—2 The student will use food webs to describe the relationships among producers, consumers, and decomposers in an ecosystem in Minnesota.
- ❖ **Loons, Lore and More**
 - Grade 7 IV (F)—5 The student will compare and contrast predator/prey, parasite/host and producer/consumer/decomposer relationships.
- ❖ **Minnesota Trees**
 - Grade 7 IV (B)—4 The student will use and create dichotomous keys.

- ❖ **Oh Deer**
 - Grade 5 IV (F)—3 The student will recognize that organisms are growing, dying and decaying, and that their matter is recycled.
 - Grade 7 IV (C)—2 The student will define a population as all individuals of a species that exist together at a given place and time.
- ❖ **Quick Frozen Critters**
 - Grade 5 IV E—2 The student will recognize that extinction of a species occurs when the environment changes and the adaptive characteristics of a species are insufficient to allow its survival.
 - Grade 7 IV (F)—5 The student will compare and contrast predator/prey, parasite/host and producer/consumer/decomposer relationships.
- ❖ **Scoop on Poop**
 - Grade 6 I (A)—1 The student will distinguish between scientific evidence and personal opinion.
 - Grade 6 I (A)—2 The student will explain why scientists often repeat investigations to be sure of the results.
- ❖ **Snakes Alive**
 - Grade 4 IV (B)—1 The student will classify plants and animals according to their physical characteristics.
- ❖ **Snow Snakes**
 - Grade 5 II (D)—2 The student will demonstrate that the greater the force applied, the greater the change in motion.
- ❖ **Star Gazing**
 - Grade 4 III (C) 1 The student will recognize that the stars in the sky appear to slowly move from east to west.
 - Grade 4 III (C) 2 The student will identify the sun as an average-sized star and that the other stars are so far away that they look like points of light.
- ❖ **Thicket**
 - Grade 7 IV (E)—3 The student will explain how biological adaptations in structure, function and behavior enhance the reproductive success and survival of a species in a particular environment.
- ❖ **Weasel Watch**
 - Grade 5 IV (F)—1 The student will recognize that organisms need energy to stay alive and grow, and that this energy originates from the sun.
 - Grade 7 IV (F)—5 The student will compare and contrast predator/prey, parasite/host and producer/consumer/decomposer relationships.
- ❖ **Web Works**
 - Grade 4 IV (B)—1 The student will classify plants and animals according to their physical characteristics.
- ❖ **Who Gives a Hoof?**
 - Grade 7 IV (F)—5 The student will compare and contrast predator/prey, parasite/host and producer/consumer/decomposer relationships.
- ❖ **Wilderness Meal**
 - Grade 7 IV (C)—1 The student will provide examples of the potentially irreversible effects of human activity on ecosystems.
- ❖ **Woodcock Sky Dance**
 - Grade 5 IV (E)—2 The student will recognize that extinction of a species occurs when the environment changes and the adaptive characteristics of a species are insufficient to allow its survival.