



GEPHART EXHIBIT TRAIL QUESTIONS
AT THE SQUAM LAKES NATURAL SCIENCE CENTER
GRADES 4 - 6

Welcome Center Exhibits

1. What type of energy are photovoltaic (PV) cells used to collect?

 2. How does a PV array affect the environment? _____

 3. When you “flushed” the composting toilet exhibit, where did *your* water go? _____

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Trailhead Gallery

4. Owls are predators, which means they catch and kill their food. List three adaptations owls use to help them hunt after dark.

 5. Why are animals at the Science Center? _____

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Life Underground

6. How do soil animals find their food?
 7. Could we live without soil?
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Ecotone Mammal Exhibit

8. What is an ecotone?
9. Red foxes are predators and rely on their sharp eyesight to help them find their prey. By looking at this fox, can you tell what other senses might also be important?

10. Because red foxes are most active at night, they could be called _____ animals.

Bobcat Exhibit

11. Bobcats blend in well with their surroundings. This is called _____

12. What animals do bobcats like to catch for food? _____

Mountain Lion Exhibit

13. What type of claws do mountain lions have? _____

14. How far can a mountain lion jump? _____

15. What are lichens made of? _____

Deer Exhibit

16. Do both male and female deer have antlers? Yes No

17. If you cannot tell the age of a deer by the number of points it has on its antlers, how can you determine a deer's age?

18. What do deer eat? Animals Plants Fish Insects
(circle one)

Otter Exhibit

19. List three adaptations which help otters survive in their habitat.

20. Otters live in aquatic or watery communities. Name one natural community where otters may be found.

Gordon Children's Center

21. What are the four stages an insect goes through during complete metamorphosis?

22. Name a mammal that eats both plants and meat.

23. List three animals you might find living underground.

Bear Exhibit

24. Name three things bears might eat:

25. What type of bears live in New Hampshire?

Bird Exhibit

26. Birds have different kinds of _____ depending on the type of food they eat (seeds, berries, fish, etc.)

27. Most birds have hollow bones which help them fly. True False

28. Loons live on the same lake or pond year-round. True False

29. What are two problems loons face when living on New Hampshire's lakes?

Raptor Exhibit

30. What are two adaptations which make raptors different from other birds?

31. Circle the name of a raptor that is nocturnal.

Red-tailed Hawk

Turkey Vulture

Great Horned Owl

Marsh Boardwalk

32. Soil erosion occurs when rich topsoil is washed away. How do plants in a wetland help stop soil erosion?

33. What are 3 examples of animals that use wetlands?

Sketch a favorite scene from your trip to the Science Center below.