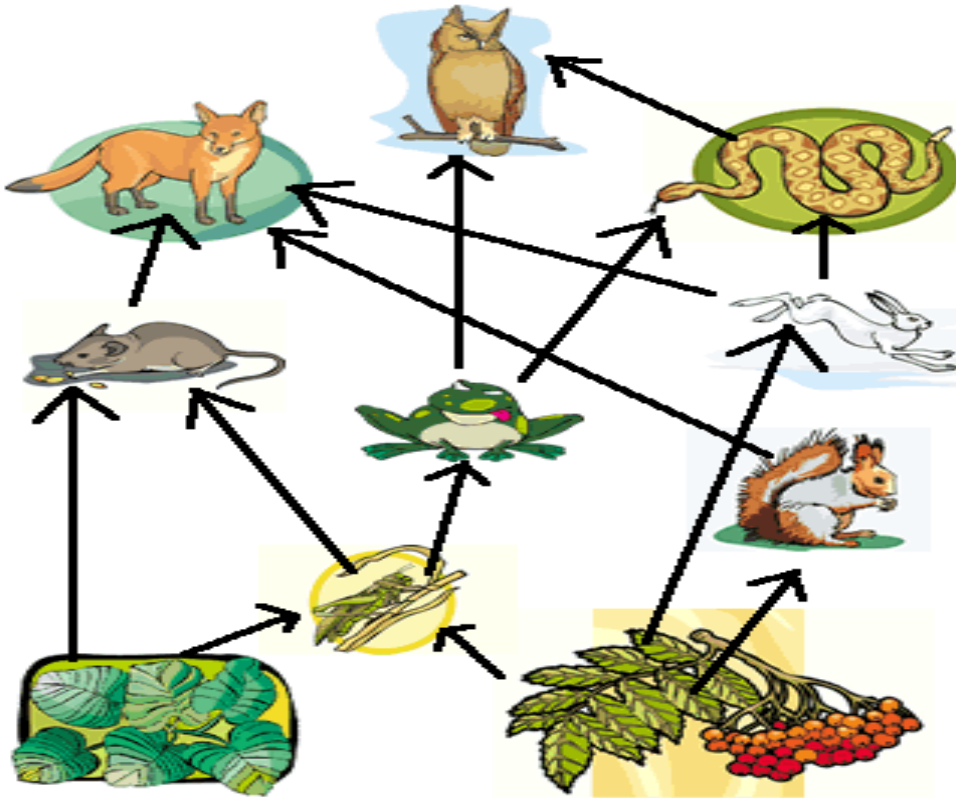


Worksheet 1 Science 1206 Unit 1

1. Define the terms ecology, ecosystems and biodiversity.
2. Match the description with the correct classification: Fill the letter in the blank.

A. Consumer	_____	eats only plant material
B. Carnivore	_____	causes breakdown of dead bodies
C. Producers	_____	eats both plants and animals
D. Herbivore	_____	eats producers
E. decomposer	_____	eats only animals
F. Omnivore	_____	manufactures using sunlight
3. Distinguish between a food chain and a food web.
4. Arrange the following organism to make food chains
 - A. white-tailed deer, spruce tree, wolf
 - B. owl, wheat kernels, mouse
5. Sketch a simple food web including the following organisms: mouse, grasshopper, bat, shrew, clover, rabbit, fox.
6. Classify each of the organisms in the diagram as producers, herbivore, carnivore or omnivore. Explain your classifications.



7. Give an example of a Newfoundland food chain.
8. Why is the disappearance of frogs considered a problem?
9. Explain how it is possible for frogs to have two lives.
10. What does it mean to say that the frog is an **indicator species**?
11. List the four reasons why the frogs are disappearing from our ecosystems.
12. What human activities are resulting in a loss of frog habitat from our ecosystems?
13. What is the most common pollution problem that frog have to deal with?