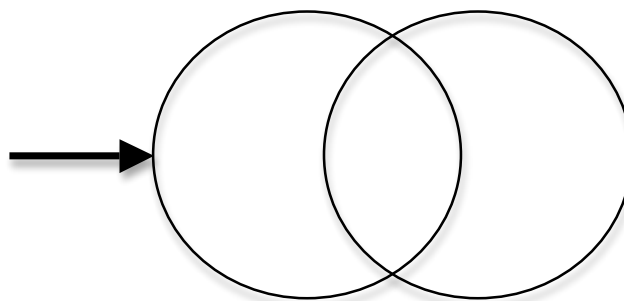


Learning Essential Question #1: How do abiotic and biotic factors in an environment affect the population of that ecosystem?

1. What is an abiotic factor?
2. What is a biotic factor?
3. Separate the abiotic and the biotic factors below in a Venn diagram on the back of the sheet.

Fish	Dirt	Flower
Water	Dog	Dead animal
Atom	Worm	Sunlight
Insects	Wheat	Ice
Wood	Pine tree	Bacteria
Sea shell	Energy	Wind



4. Identify the abiotic and biotic factors in this picture.



ABIOTIC FACTORS	BIOTIC FACTORS

5. What is carrying capacity? How do abiotic and biotic limit the number of organisms in a population?

6. Describe what happens to the hare population when the lynx population changes.

