

Lesson #43

1. What could happen to an ecosystem if all its plant life disappeared?

- A) Oxygen would be depleted.
- B) Animals would die of starvation.
- C) Both A and B could happen.
- D) None of the above

2. True or False?

_____ Cells are microscopic.

_____ Some living things are single-celled.

_____ You can see the cells in a plant leaf by just looking at it.

_____ Different kinds of cells do different jobs.

3. Some of the protists and bacteria are like plants in one way. What is it?

4. Which of these is an abiotic factor of an environment?

mudslide

overpopulation






decomposers

predators

Simple Machines

All machines are meant to make work easier for people. Most machines, like cars, power tools, computers, and dishwashers have many moving parts that work together. Simple machines are "simple" because they have only a few or no moving parts. Simple machines need a single force such as a push, a pull, or a lift to make them work. There are six simple machines: pulley, lever, wedge, wheel-and-axle, inclined plane, and screw.

5 – 10. Use information from the Help Pages to fill in the name of each simple machine described in the chart on the next page.

Simple Machine	Use	Example
5.	used to pry and to lift up heavy loads	
6.	makes it easier and faster to turn and to move things	
7.	allows things to be fastened together	
8.	used to raise and lower things	
9.	allows an object to slide; also used for cutting	
10.	makes it easier to move objects higher or lower	