Ecosystems

A _____ community of _____ organisms and their

_____ environment.

Major Types of Ecosystems:

- Forests
- Grasslands
- Tundra
- Desert
- Freshwater
- Marine

Consists of:

- _____ factors: _____
  - Examples:
- _____ factors: _____
  - Examples:

PRODUCERS

- Make their _____ food with the _____.
  - Examples:

- Plants use _____ to make their own food ($C_6H_{12}O_6$)

$$CO_2 + H_2O + \text{sunlight energy} \rightarrow C_6H_{12}O_6 + O_2$$

CONSUMERS

- Obtain _____(food) by eating other _____.
  - Examples: YOU, barnacles, fish

DECOMPOSERS

- Organisms that _____ down dead or _____ organisms.
  - Examples: Fungi and Bacteria

FLASHCARDS -

1. **Marine Ecosystem**
2. **Are the rocks abiotic or biotic?** _____
3. **What is the consumer?** _____
4. **Are the barnacles abiotic or biotic?** _____
5. **Is bacteria a decomposer or producer?** _____
6. **Name one abiotic factor and one biotic factor?**

7. **Name a producer.** _____
8. **Are you a producer or consumer?** _____