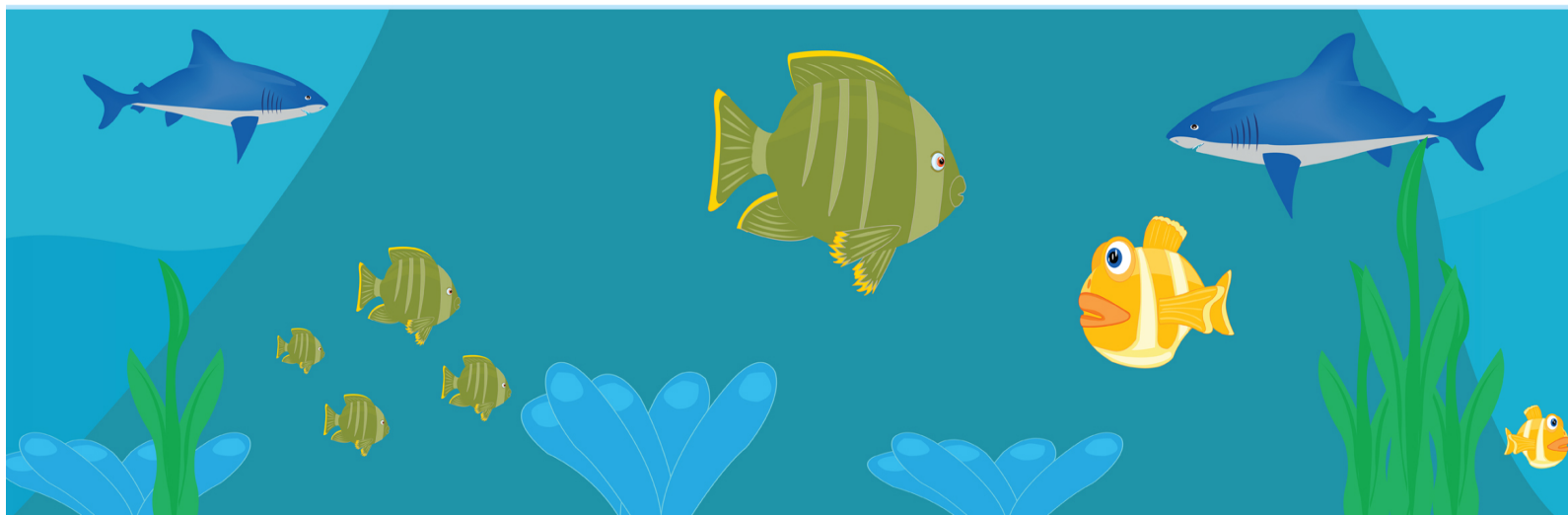


All About Ecosystems



Name _____





Plants & Animals



Similarities

Differences

Plants	Animals

Producers, Consumers, & Decomposers

- **Producers:** organisms that can make their own food.
 - **Example:** plants

- **Consumers:** organisms that cannot make their own food and rely on plants and other animals for food.
 - **Examples:** animals and humans
 - There are three groups of consumers:
 - **Herbivores:** eat only plants
 - **Carnivores:** eat only animals/ meat
 - **Omnivores:** eat both plants and animals/ meat

- **Decomposers:** a microorganism that eats dead animals and plants.
 - **Examples:** fungi and bacteria

Directions: Count the number of producers, consumers, and decomposers you see. Write the number on the lines below.



_____ Producers
Decomposers

_____ Consumers

All About the Food Chain

- 1) **Food Chain:** a _____ series of organisms each dependent on the next as a source of _____.
- 2) A food chain begins with a _____ and ends with an _____.
- 3) _____, _____, and _____ are all important parts of the food chain.
- 4) Producers create all of the _____ in the food chain.
- 5) The consumers use all the _____ in the food chain.
- 6) As you move along the food chain _____ is _____.
- 7) Organisms become _____ further down the food chain.
- 8) **Food Web:** system of _____ and _____ food chains.
- 9) The five Trophic Levels of the food chain are:
 - **Level 1:** _____
 - **Level 2:** _____
 - **Level 3:** _____
 - **Level 4:** _____
 - **Level 5:** _____



All About the Food Chain

- 1) **Food Chain:** a **hierarchical** series of organisms each dependent on the next as a source of **energy**.
- 2) A food chain begins with a **plant** and ends with an **animal**.
- 3) **Producers, consumers, and decomposers** are all important parts of the food chain.
- 4) Producers create all of the **energy** in the food chain.
- 5) The consumers use all the **energy** in the food chain.
- 6) As you move along the food chain **energy** is **lost**.
- 7) Organisms become **less** further down the food chain.
- 8) **Food Web:** system of **interlocking** and **interdependnet** food chains.
- 9) The five Trophic Levels of the food chain are:
 - **Level 1: producers**
 - **Level 2: primary consumers (herbivores)**
 - **Level 3: secondary consumers (carnivores)**
 - **Level 4: tertiary consumers (carnivores)**
 - **Level 5: apex predators (top animal)**

