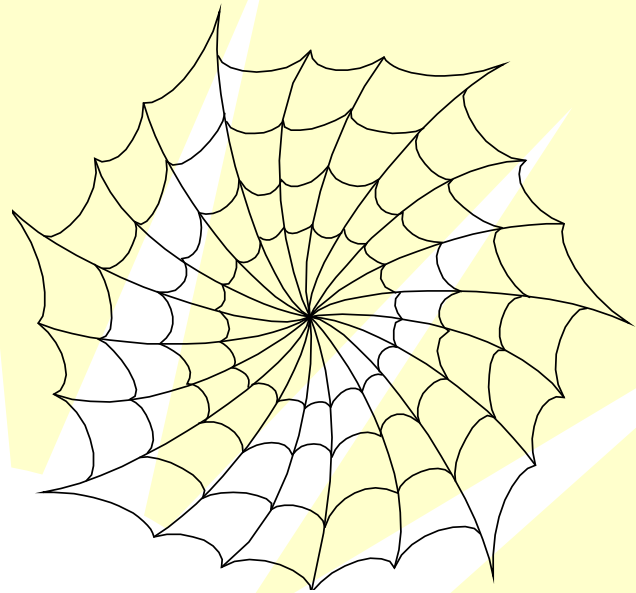
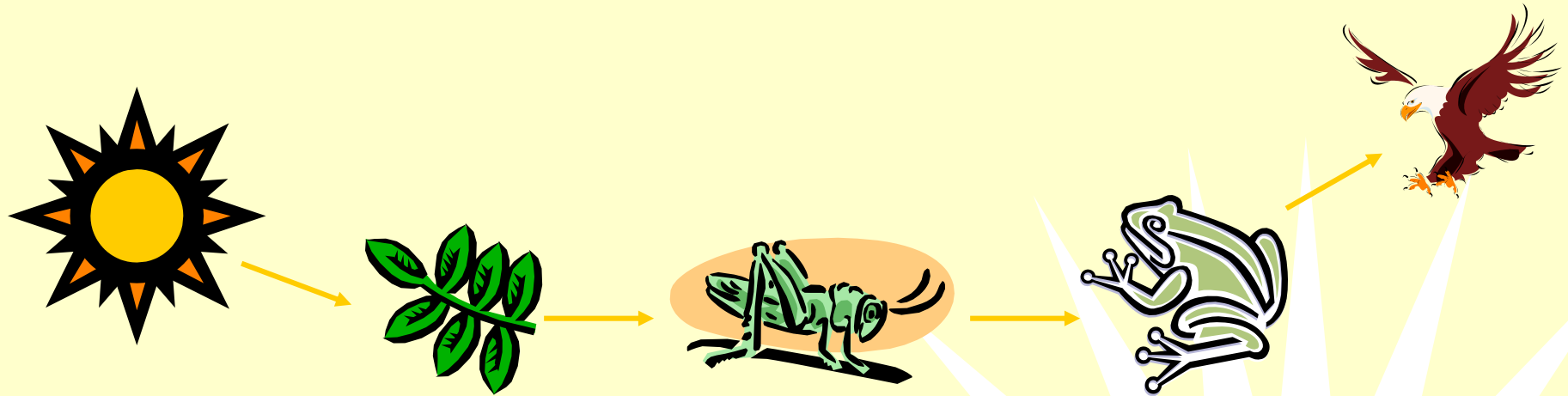


Food Chains and Food Webs



What is a Food Chain?

⚙️ A food chain is the path by which energy passes from one living thing to another.



What's in a Food Chain?

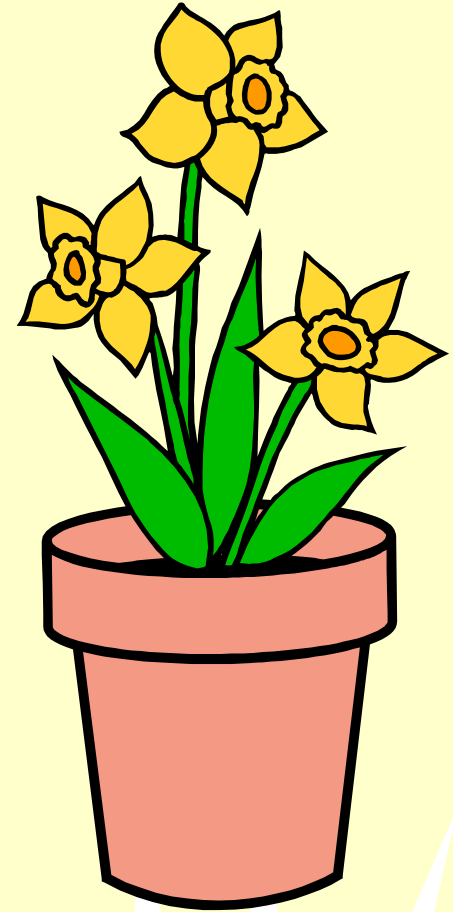
⊗ Producers

⊗ Consumers

⊗ Decomposers

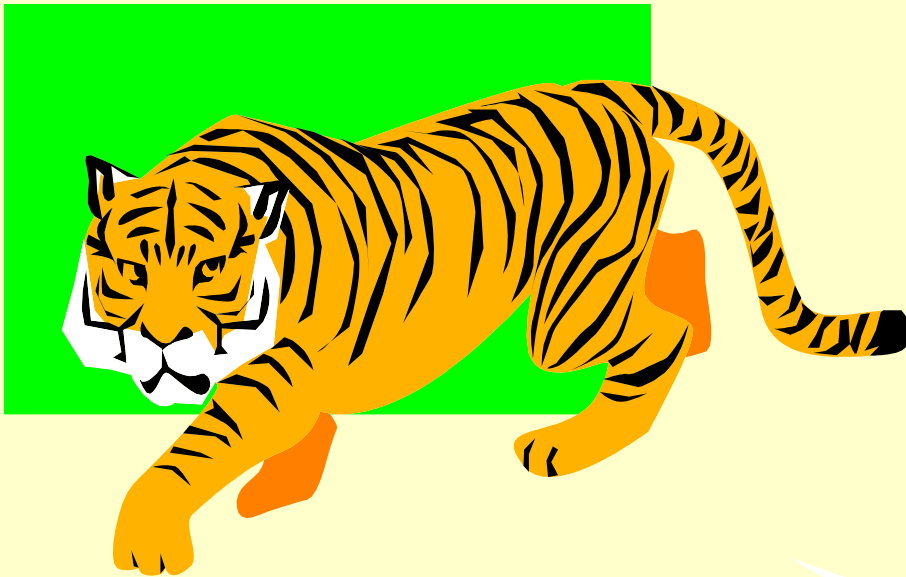
Producers

- ⌘ **Producers make their own food**
- ⌘ **Green plants use energy from the sun to make food**
- ⌘ **Producers are on the bottom of the food chain**
- ⌘ **Producers are also called autotrophs.**



Consumers

⚙️ **Consumers hunt, gather, and store food because they cannot make their own.**



Three Types of Consumers

☼ Herbivores

☼ Carnivores

☼ Omnivores

Herbivores

⌘ **Animals who eat plants
such as:**

- grasshoppers
- rabbits
- squirrels
- deer
- pandas



Carnivores

⌘ **Animals who only eat other animals such as:**

- **tigers**
- **lions**
- **hawks**
- **wolves**
- **cougars**



Omnivores

⦿ **Animals who eat both plants and animals such as:**

- humans**
- bears**



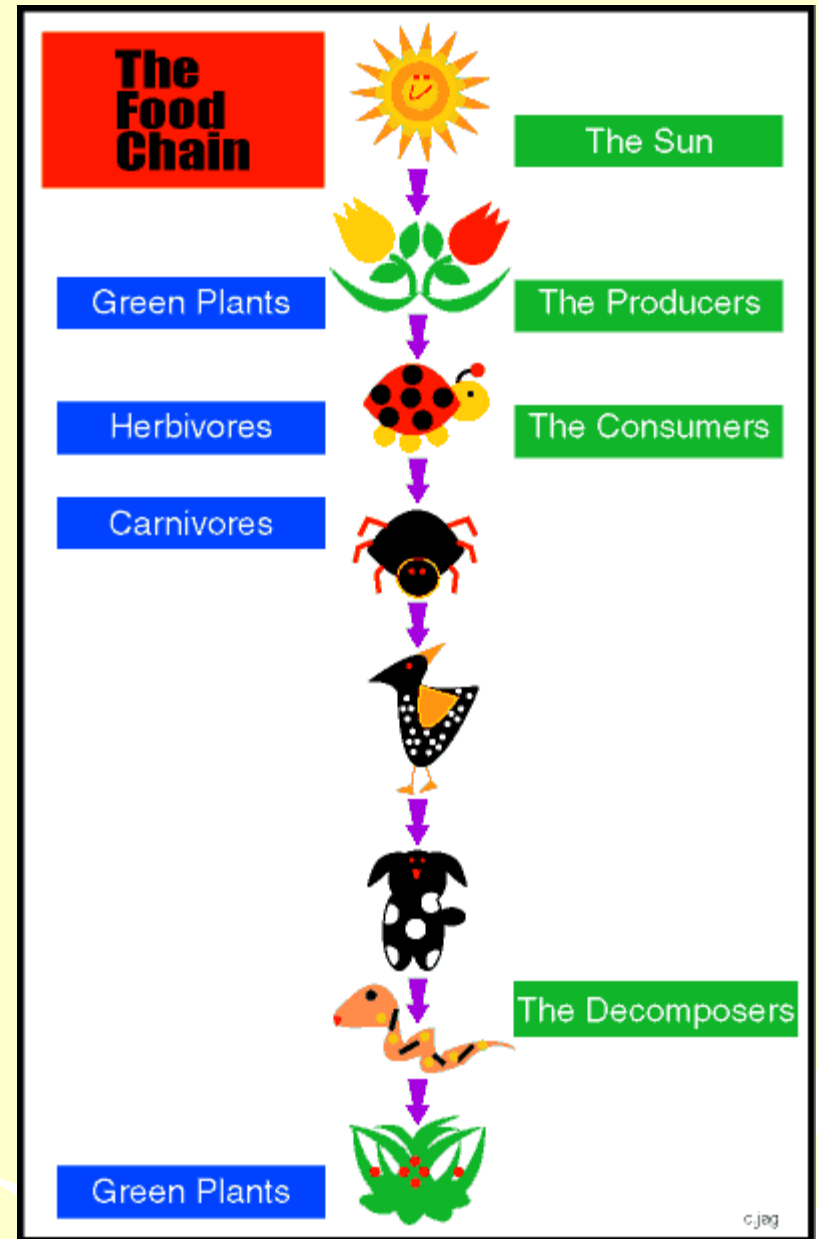
Decomposers

- ⌘ **Microorganisms that are able to break down large molecules into smaller parts**
- ⌘ **Decomposers return the nutrients that are in a living thing to the soil**



Let's Look at a Food Chain

⚓ A food chain is a simplified way to look at the energy that passes from producers to consumers.



Types of Food Chains

- ⌘ Aquatic- Water-related food chains with sea plants and animals**
- ⌘ Terrestrial- Land-related food chains with land plants and animals**

Predator & Prey

⦿ **Predator-** An animal that captures and eats other animals

⦿ **Prey-** The animal that is captured and eaten

What is a Food Web?

- ⌘ A more realistic way of looking at the relationship of plants and animals in an environment**
- ⌘ Several food chains linked together**
- ⌘ A predator from one food chain may be linked to the prey of another food chain**

Food Webs

⚓ How many food chains can you make from this food web?

