

SECTION
13.4

FOOD CHAINS AND FOOD WEBS
Power Notes

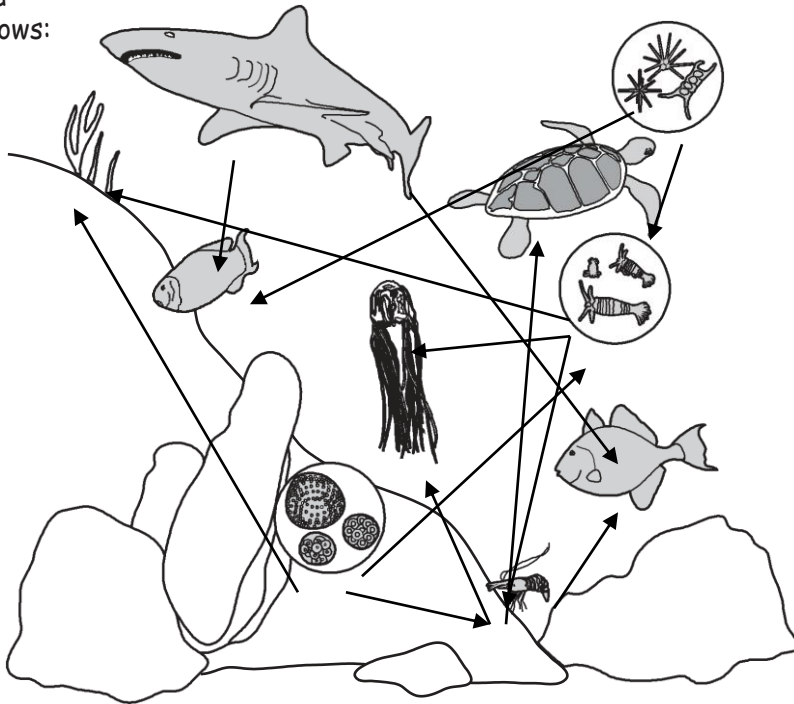
Types of consumers:

1. **Herbivore**—eats only plants
2. **Carnivore**—eats only other animals;
3. **Omnivore**—eats both plants and animals;
4. **Detritivore**—eats dead organic matter

A Food Web shows:

A food web shows the complex network of feeding relationships and flow of energy

Add arrows:



Trophic Level

Producer

Phytoplankton

Algae

Primary Consumers

Zooplankton

Shrimp

Sea Turtle

Parrot Fish

Secondary consumers

Sea Sponge

Trigger Fish

Jelly Fish

Tertiary Consumer

Reef Shark

Arrows point from phytoplankton to sea sponge, zooplankton, shrimp;
zooplankton to sea sponge, jellyfish; algae: parrotfish, sea turtle; shrimp:
jellyfish, triggerfish; triggerfish: reef shark; parrotfish: reef shark