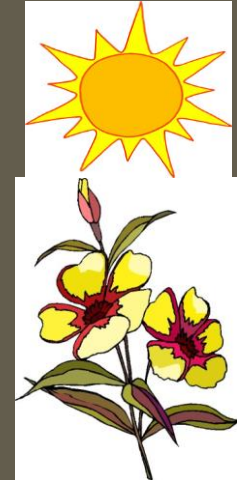


FLOW OF ENERGY

EQ: Describe the flow of energy from the sun, through trophic levels, and end at heat.

(Q1)

- The main source of energy is the sun
- **Autotrophs** are plants, some algae and bacteria, that capture energy to produce food.
 - **AKA: Producers**
- **Heterotrophs** are organisms that rely on other organisms for their energy and food supply.



(Q2)

- **AKA: Consumers**



FLOW OF ENERGY

Consumers can be:

(Q3)

- **Herbivore**

eats plants

- **Omnivore**

eats plants and animals

(Draw an example
of each)

(Q4)

- **Carnivore**

eats animals

- **Detritivores**

eats dead matter

The flow of energy goes through a food chain and food web.

Interactions within the biosphere produce a web of **interdependence** between organisms and the environment, which contributes to an ever-changing, or dynamic, biosphere.