13.3 | Power Notes

Producers and Consumers

Туре	Also Called	Description
Producer Plant, Algae, or Chemosynthetic Bacteria	Autotroph Self Feeder	Get energy from nonliving resources; chemicals or light
Consumer Animal or Fungi	Heterotroph Other Feeder	Get energy by eating or deocomposing other organisms
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Processes by Which Producers Obtain Energy

Photosynthesis
Sunlight as source of energy; green plants, cyanobacteria, some protists. Make sugars by converting light energy.

Both
Producers
convert and
process
their
own energy
by making
their own
food.

Chemosynthesis
Chemicals as source
of energy; deep-sea
organisms,
hydrothermal pools,
marsh flats. Extreme
environments where
chemicals can be used
to make sugars.