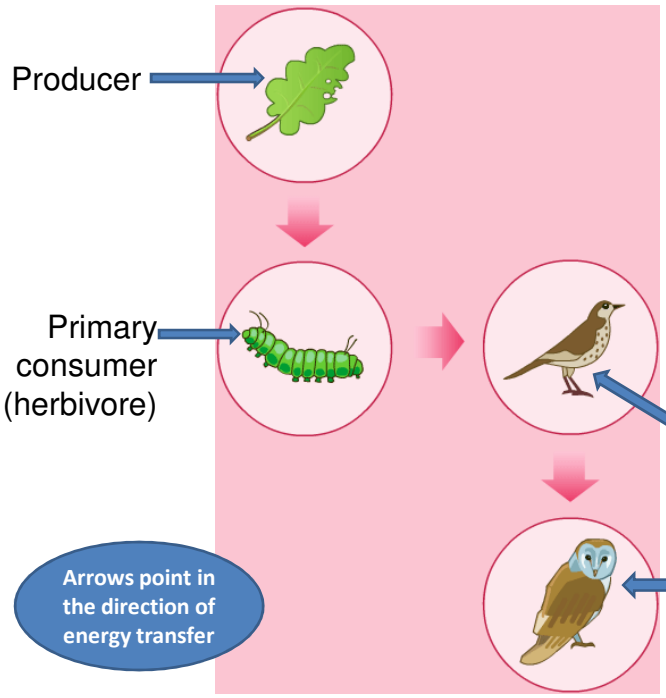
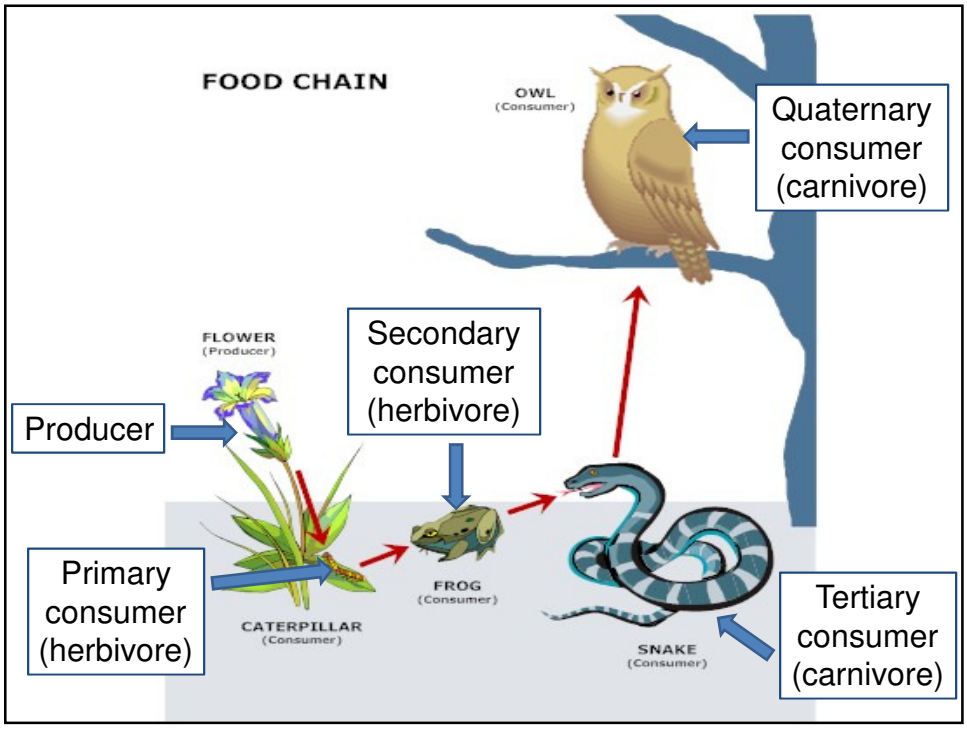
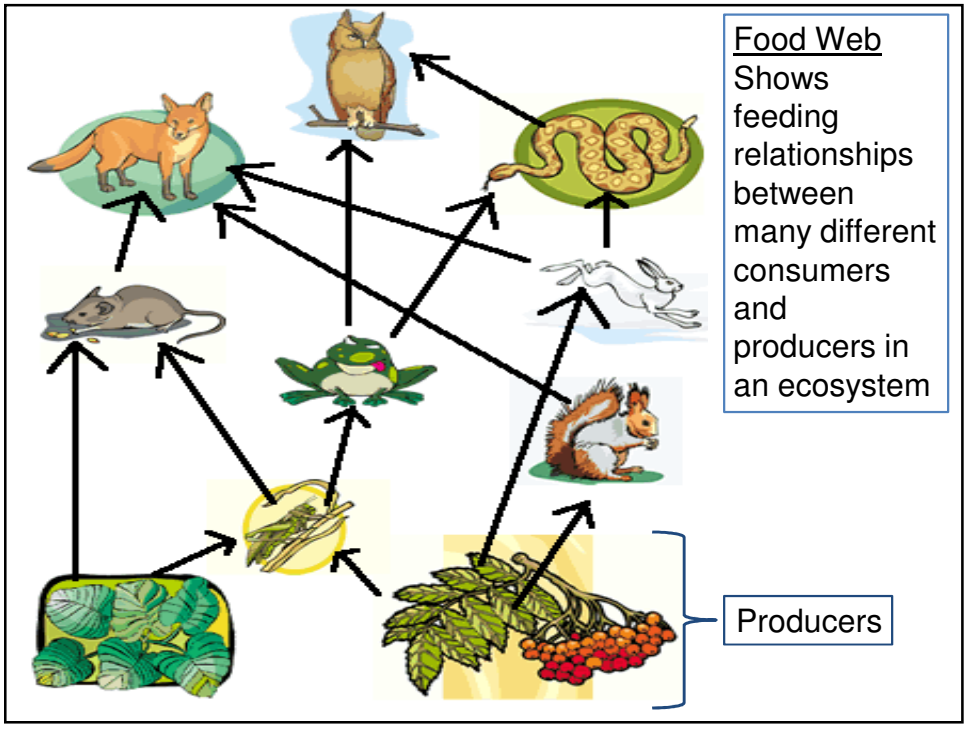
Section D1.3

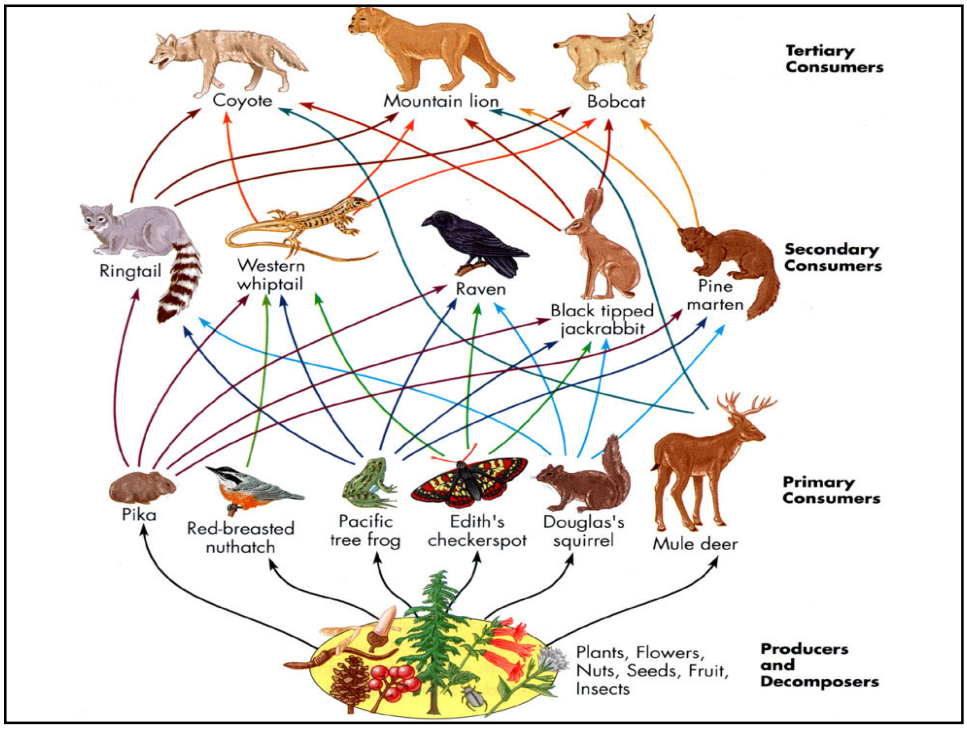
Energy flows through ecosystems.

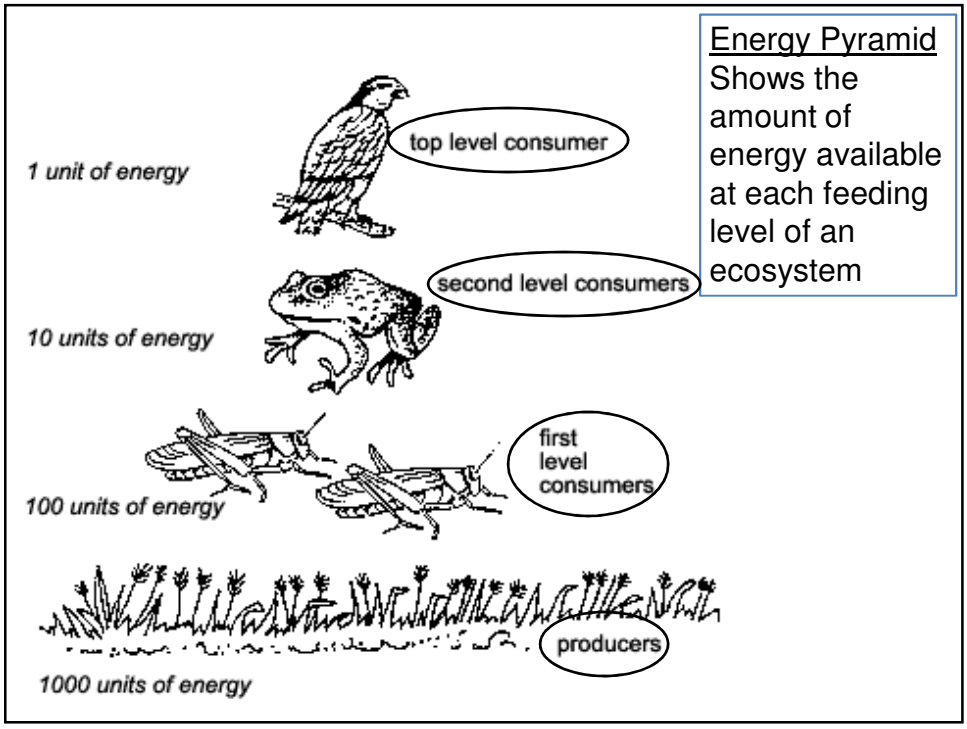


Food Chain
Describes the feeding relationship between a producer and an single chain of consumers in an ecosystem

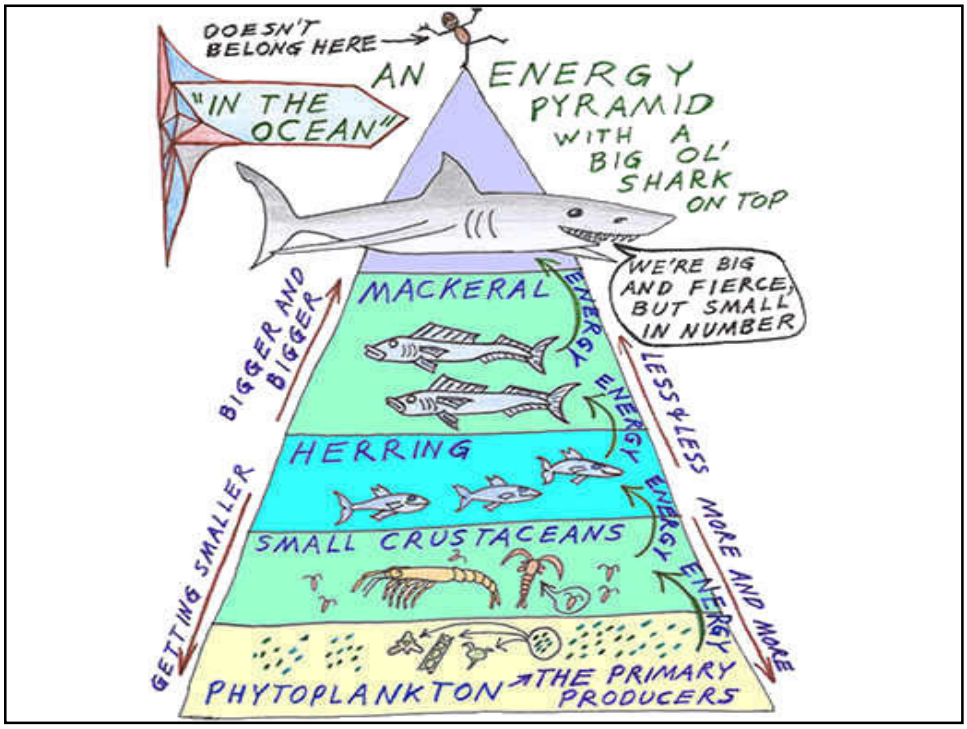

FOOD CHAIN
OWL
(Consumer)
Quaternary consumer (carnivore)
FLOWER
(Producer)
Secondary consumer (herbivore)
Producer
Primary consumer (herbivore)
CATERPILLAR
(Consumer)
FROG
(Consumer)
SNAKE
(Consumer)
Tertiary consumer (carnivore)


Food Web
Shows feeding relationships between many different consumers and producers in an ecosystem
Producers





Energy Pyramid
Shows the amount of energy available at each feeding level of an ecosystem


DOESN'T BELONG HERE
"IN THE OCEAN"
AN ENERGY PYRAMID WITH A BIG OL' SHARK ON TOP
WE'RE BIG AND FIERCE, BUT SMALL IN NUMBER
MACKERAL
HERRING
SMALL CRUSTACEANS
PHYTOPLANKTON
THE PRIMARY PRODUCERS
ENERGY
ENERGY
ENERGY
ENERGY
BIGGER AND BIGGER
GETTING SMALLER
LESS & LESS
MORE AND MORE