

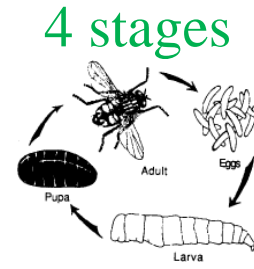
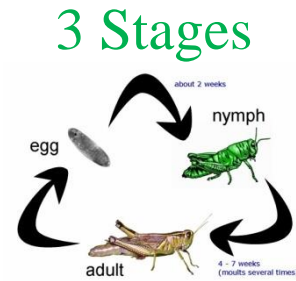


<p>Producer (creates own food)</p>	 <p>Plant</p>
<p>Consumer (consumes or takes in food)</p>	<p>Animal</p> 
<p>Adaptation (must do to survive)</p>	<p>Camouflage, Mimic, Metamorphosis, Hibernation, Unique Defense</p>
<p>Prey</p>	<p>Consumer that is Hunted</p>
<p>Predator</p>	<p>Consumer that is doing the hunting</p>

Complete Metamorphosis
Butterfly



Incomplete Metamorphosis
Grasshopper



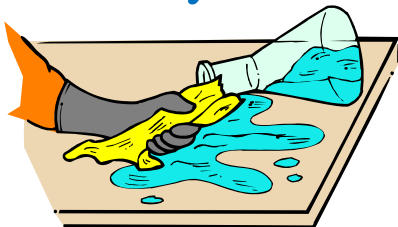
Niche

Job

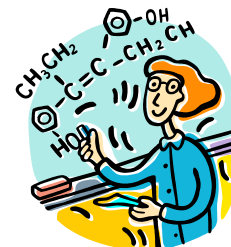
Offspring

Children

Safety First



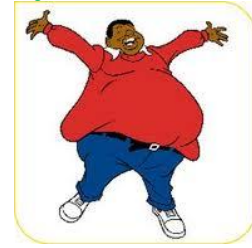
Tell The Teacher



Mass



Stays the Same



Weight



Changes based on
Gravitational pull

Mixture



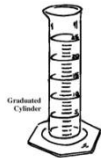
Separated with a tool
(Salad and Iron
Filings/Pepper)

Iron

Magnetic



Graduated Cylinder



Volume of a Liquid

Triple Beam Balance

Mass



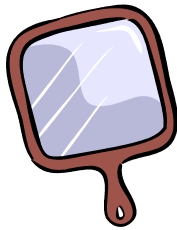
Insulator

blocks energy
(rubber, wood, cloth)

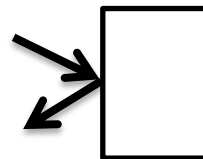
Conductors

allows energy to flow
through
(copper and other metals)

Reflect
Reflection



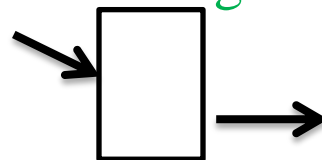
Bounces Back

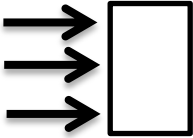
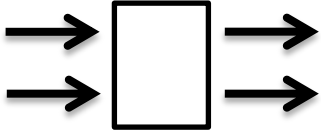
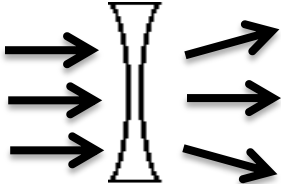
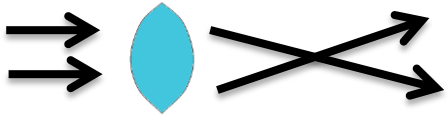




Refract
Refraction

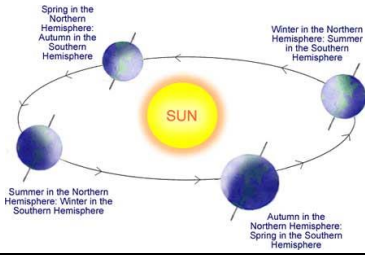


Bends Light



<p>Absorb</p>	<p>Does not pass through</p> 
<p>Transmit</p>	<p>passes through</p> 
<p>Concave</p>	<p>lens that "caves in"</p> 
<p>Convex</p>	<p>lens that bows out (remember it "vexes" its muscles)</p> 
<p>Sound</p> 	<p>Vibration</p> 

Revolve



365 days;
To go around;
Earth revolves around the
Sun

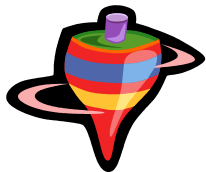
Seasons



Tilt of the Earth



Rotate



Spin on axis;
Causes Day and Night

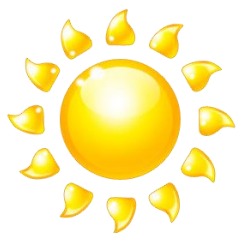


Planets

MVEMJSUN(P)



Sun



All Energy Starts Here;
Center of the Solar System

Moon

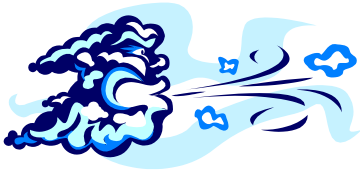


less weight, same mass

Ocean tides

twice a daily;
gravitational pull between
the Earth, Moon and Sun

Wind



uneven heating and cooling

Mt. Erosion
W.E.D.

Weathering, Erosion,
Deposition

Weathering



Breaking of rocks into smaller
pieces called sediment

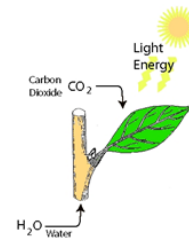
<p>Erosion</p>	<p>The moving of rocks by wind, water, and ice</p>
<p>Deposition</p>	<p>rocks being placed in a new location</p>
<p>Renewable resources</p>	<p>go through a cycle; plants, animals, rocks, soil, water, oxygen, and carbon dioxide</p>
<p>Nonrenewable resources</p>	<p>When they are gone, they do not exist anymore or it takes a very long time to get them again; coal, oil, natural gas, minerals, and metals</p>
<p>Fossil fuels</p> 	<p>Once Dead Plants and Animals; coal, oil, and natural gas</p>

Inexhaustible
resources/Alternative
Energy

Can't be used up;
wind, solar, ocean tides

Photosynthesis

how plants make food



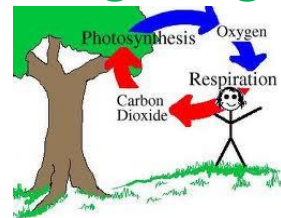
Food chain

the flow of energy through
an ecosystem

Sun → producer → consumer → consumer

CO₂/O₂ Cycle

exchange of gases



Water Cycle

