

Energy Ecosystem Flow Notes

The Sun	All _____ for _____ organisms comes from the _____.
Plants	Plants _____ light energy and convert it to _____ through _____.
	This _____ energy then can be _____ to other organisms through _____.
Energy (Food) Chains	A simple _____ that shows how _____ moves from the _____ to _____.
	Sun → _____ → Mouse → Rattlesnake → _____ → Bacteria
	Arrows show the direction the energy moves and which organism gets eaten.
Food Webs	Complex _____ that show how _____ moves through an _____.
	A food web is a _____ of intertwined food _____.
Energy Pyramids	Energy pyramids show the _____ of energy _____ at each feeding _____ in an ecosystem.
	Bottom=_____ =most energy. Top=smaller=_____ energy.
Energy Loss	Energy is _____ as _____ at each level. _____ is passed to the next level. _____ is lost at each level.
Producers	An organism that _____ its _____ food. - _____
Consumers	Organisms that _____ make their _____ food.

Types of Consumers	<p>They _____ their food by _____ other organisms.</p> <p>Organisms are classified according to the _____ they are in a _____.</p> <p>Some organisms can be at _____ levels depending on what they _____.</p> <p>When the bear eats _____, it is the primary consumer.</p> <p>When the bear eats a _____, it is a _____ consumer.</p>
Herbivores	<p>Consumers are also classified by _____ they _____.</p> <ul style="list-style-type: none"> - Herbivores - _____ - _____ <p>Organisms that _____ eat _____.</p> <p>-Examples</p> <p>Grasshoppers</p> <p>_____</p> <p>Deer</p> <p>Beavers</p> <p>_____</p> <p>_____</p> <p>Sheep</p>
Carnivores	<p>Organisms that _____ eat _____.</p> <p>-Examples</p> <p>_____</p> <p>Frogs</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Lions</p>
Omnivores	<p>Organisms that _____ both _____ and _____.</p> <p>-Examples</p> <p>_____</p> <p>Turtles</p> <p>_____</p> <p>Squirrels</p>
Decomposers	<p>End of all food chains</p> <p>Break down dead organisms into smaller molecules.</p> <p>-Examples</p> <p>_____</p> <p>_____</p>

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