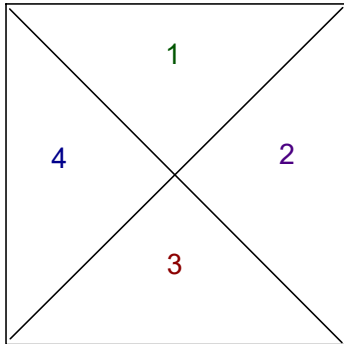


CREATE AN ENERGY PYRAMID

Instructions:

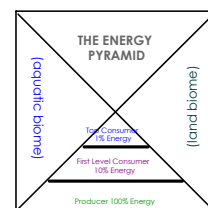
1. Fold the square in half to form a triangle and then fold in half again.
2. Add the following information to each triangle



1. The most energy is available at the bottom of the food chain at the producer level (directly from the sun).
2. Energy is lost as you move up from producer ---> consumer ---> consumer.
3. Organisms use energy to grow, reproduce, move, get food, etc. and some energy is lost as heat to the environment
4. Food chains become a cycle when you include decomposers. Decomposers break down producers and consumers into nutrients used by producers to grow (and then the cycle continues again!)

FLIP THE PAGE OVER

1. In the TOP center pyramid label **THE ENERGY PYRAMID**.
2. In the BOTTOM center pyramid use a ruler and divide this center pyramid into 3 layers. Identify each layer with the following labels:
 - Producer 100% Energy.
 - Primary Consumer 10% Energy.
 - Secondary Consumer 1% Energy.
3. On the two side pyramids, draw example food webs from two different biomes. Identify the biome (habitat) you are showing.
 - Include 3-5 producers
 - 2-3 primary consumers (herbivores/prey)
 - 1-2 secondary consumers (predators)



PYRAMIDS SHOULD BE COLORFUL AND NEATLY DONE!

(no marker; only crayon/colored pencil)

p. 58-73 biome info