

FOOD CHAINS & FOOD WEBS



Internet
Scavenger Hunt
WebQuest
Activity



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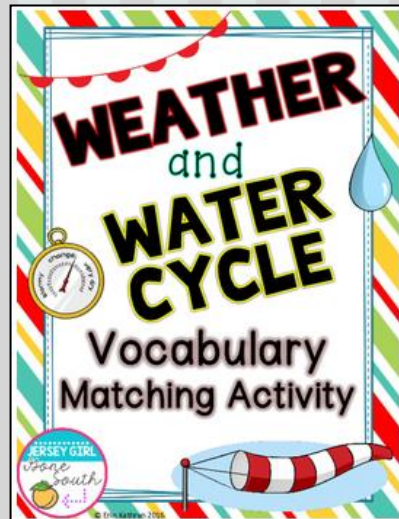
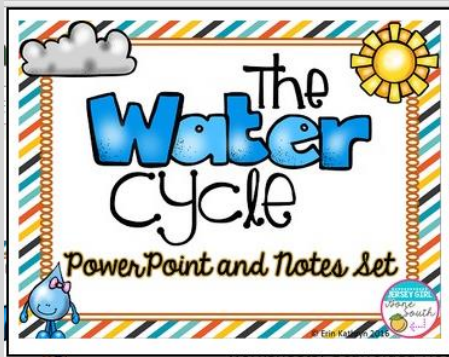
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Food Chain and Food Web Internet Scavenger Hunt

Directions: Click on the link below to answer the following questions.

http://www.ducksters.com/science/ecosystems/food_chain_and_web.php

1. Every living plant and animal must have _____ to survive. Plants rely on the soil, _____, and the _____ for energy.
2. Animals rely on plants as well as _____ for energy.
3. In an _____, plants and animals all rely on each other to _____. Scientists sometimes describe this dependence using a _____ or a food web.

Food Chain

4. A food chain describes how different _____ eat each other, starting out with a _____ and ending with an _____. For example, you could write the food chain for a lion like this:

_____ --→ Zebra --→ Lion

The lion eats the zebra, which eats the grass.

5. Here is another example in picture form:



The grasshopper eats _____, the frog eats the grasshopper, the snake eats the _____, and the eagle eats the _____.

Links of the Chain

6. There are names to help describe each link of the _____. The names depend mostly on what the organism _____ and how it contributes to the energy of the _____.

7. _____ are producers. This is because they produce _____ for the ecosystem. They do this because they absorb energy from sunlight through _____. They also need water and _____ from the soil, but plants are the only place where new energy is made.

8. Animals are _____. This is because they don't produce _____, they just use it up. Animals that eat plants are called primary consumers or _____. Animals that eat other animals are called secondary consumers or _____. If a carnivore eats another carnivore, it is called a _____ consumer. Some animals play both roles, eating both plants and animals. They are called _____.

9. _____ eat decaying matter (like dead plants and animals). They help put _____ back into the soil for plants to eat. Examples of decomposers are _____, bacteria, and fungi.

10. Lets go back to this example:

grass ----> zebra ----> lion

grass = _____

zebra = _____

lion = _____

Energy is Lost

11. Like we said above, all the energy made in the food chain comes from the _____, or plants, converting sunlight into _____ with photosynthesis. The rest of the food chain just uses _____.

12. As you move through the food chain there is less and less energy available. For this reason, there are less and less _____ the further along the food chain you get.

Each Link is Important

13. Links _____ up in the food chain rely on the lower links. Even though lions don't eat grass, they wouldn't last long if there wasn't any _____ because then the zebras wouldn't have anything to _____.

Food Web

14. In any ecosystem there are many food _____ and, generally, most plants and animals are part of several chains. When you draw all the chains together you end up with a _____.

Trophic Levels

15. Sometimes scientists describe each level in a food web with a trophic level. Here are the _____ trophic levels:

Level 1: Plants (_____)

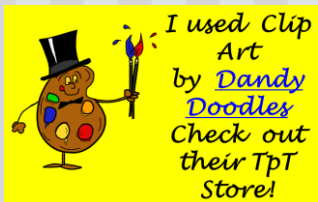
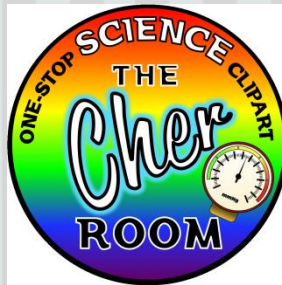
Level 2: Animals that eat plants or herbivores (primary
_____)

Level 3: Animals that eat _____ (secondary
consumers, carnivores)

Level 4: Animals that eat _____ (tertiary
consumers, carnivores)

Level 5: Animals at the top of the food chain are called
_____. Nothing eats these
animals.

GRAPHICS & FONTS



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