

Bill Nye – Food Web

Name _____

1. What is a Food Web?

A Food Web is the overlapping inter-connections between plants, animals and decomposers that depend on each other to survive.

2. What are decomposers and what do they do?

Decomposers are organisms that break down wastes and dead matter which puts important nutrients back into the soil.

3. On what do all living things depend to survive?

All living things depend on plants to survive.

4. What do plants make?

Plants make food and oxygen.

5. Where does our food come from?

We basically get all our food from plants.

6. What does the name Photosynthesis mean?

Photosynthesis means "making from light".

7. What is Photosynthesis?

Photosynthesis is the process by which plants use carbon dioxide, sunlight and water to make food and the by-product oxygen.

8. What are plants basically made up of and what is their structure?

Plants are basically made up of sugars which are formed from Carbon, Hydrogen and Oxygen.

9. Why do all animals need plants?

All animals need oxygen to breathe and exist which is produced by plants.

10. What is hydroponics?

Hydroponics is growing plants without soil.

11. What is a food pyramid and give one example?

A food pyramid is the amount of energy that moves from one feeding level to another in a food web. Plants are at the bottom level and most abundant. Each level reduces in numbers of organisms. Example: Apple Tree > Apple > Pig > Man.

12. Why do we need more plants than animals in the food pyramid?

The more plants there are, the more energy produced to sustain the food web. At the top level there is less energy to go around.