Food Web and Chain Construction Activity

Using the pictures, the color code, and the relationship guidelines, create a food web demonstrating the movement of energy through the ecosystem. See page 130 for an example food web.

\*\*Remember that energy moves from the source to the consumer of the energy\*\*

Once you have completed your food web, choose a single food chain and create a paper chain using the provided colored paper links.

Requirements:

1. All pictures are colored and used.
2. All relationship guidelines are used.
3. BEFORE you cut and glue ANYTHING, create a rough draft sketch and have your teacher check it.

Color Code:

Producers- Green

Consumers- Red

Decomposers- Brown

Sun- Yellow

Relationship Guidelines:

* **Grasses and trees** use energy from the **sun**
* **Grasses** get eaten by the **deer, rabbit, grasshoppers, butterfly, and people**
* Leaves from the **trees** get eaten by **deer.**
* Fallen leaves from the **trees** get eaten by **worms**
* **Deer** get eaten by **people**
* **Rabbit** get eaten by **people and eagles**
* **Grasshoppers** get eaten by **frogs**
* **Butterflies** get eaten by **frogs**
* **Worms** get eaten by **moles and small birds**
* **Frogs** get eaten by **snakes, people, eagles and small birds**
* **Moles** get eaten by **snakes, small birds and eagles**
* **Snakes** get eaten by **small** **birds and eagles**
* **Small birds** get eaten by **eagles**
* **EVERYTHING** gets decomposed by **bacteria and fungi**



