Food Web Assignment

This assignment may be completed with a partner or on your own. If you decide to work with a partner, please choose wisely. Standard rules for partners apply.

Design and create a themed food web that shows energy transfer within an ecosystem. Your food web must contain the following elements.

* An inclusive theme (Jungle, Harbour, Desert, Arctic, Forest, Prehistoric…)
* An obvious title connected to the theme ( ‘Barnyard Food Web’)
* 10 organisms if you work alone, 15 if you work with a partner
* At least two organisms must be *producers*
* All organisms will include two labels. The first label will be what the organism is (Rainbow Trout) The second label will be either *producer* or *consumer*
* You may use a key for *producer / consumer.* Then, use ‘P’s and ‘C’s
* Three definitions in your own words (*Food Web, Producer, Consumer)*
* Organisms must be connected to other organisms with arrows showing energy flow (the arrow points in the direction of energy flow)
* You may print off a maximum of two organisms (four if with a partner) The rest of the organisms will be drawn free hand
* Google what your organisms eat or don’t eat (accuracy)
* For any and all text, don’t use pencil. Consider Sharpie markers, colour pencil, crayon or print off and attach your labels.

You will be graded on the following:

* Completeness (Have you done all tasks?)
* Labels (Are all present and accurate?)
* Design and layout (Use your space wisely)
* Colour (Use lots of colour. Your food web should ‘pop’ !
* Definition accuracy
* Effort
* Spelling and grammar (Peer editing is recommended)
* Energy flow arrow direction (Lettuce doesn’t eat rabbits)

You are **not** being graded on your ability to draw. That’s why everything will be labeled (in case I think your grizzly bear is a raccoon). I’m more interested in your

degree of effort, creativity and your level of understanding.

As a background, you may use poster board or Mr. Sutherland has LARGE sheets of white paper (just ask). ☺

Organisms don’t have to be drawn to scale (Your lettuce can be larger than your rabbit).