Food Web / Food Chain Poster Project 

Assigned on: January 11, 2016

DUE ON: January 15, 2016

The Food Web/Food Chain Project will help the student see the correlation between food chains and food webs, identify the direction of energy flow in a biome/ecosystem, and see how all living things work together.

The student will create a Food Web / Food Chain POSTER (MUST BE ON FULL SIZE POSTER BOARD) while following the project guidelines.

Project Guidelines:

 Choose a Biome from which all organisms in your food web and food chain will come from. Have a KEY on your poster that tells the name of the biome and a short description of the biome. – 10 points

 Food Chain- 5 links with organisms drawn, labeled & colored – 15 points

 Food Chain- Arrows pointed in the direction of energy flow – 10 points

 Food Chain- Drawn & labeled on LEFT half of poster – 5 points

Food Web- At least 10 organisms drawn, labeled & colored – 30 points

Food Web- Arrows pointed in the direction of energy flow – 10 points

Food Web- Drawn & labeled on RIGHT half of poster – 5 points

Analysis & Conclusion Questions- 12 points

Name (first & last), teacher name, class period – Clearly labeled in bottom right corner of poster – 3 points

\*\*\*Pictures may be hand drawn or computer generated. Poster MUST BE NEAT &

WELL ORGANIZED. ABSOLUTELY NO PROJECTS WILL BE ACCEPTED AFTER THE CLASS PERIOD IN WHICH THEY ARE DUE.

NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CLASS PERIOD:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ANALYSIS & CONCLUSION QUESTIONS:

1. How are food chains and food webs alike?

1. How are food chains and food webs different?

1. How is a diagram of a food web more helpful than a written description of the same information?

1. If all the green plants were removed from the community, how might the flow of energy be affected? Explain your answer.

1. If a middle level species were removed from the community, how might the flow of energy be affected? Explain your answer.

1. If the top-level consumers were eliminated from a food web, would the populations in the levels below them increase without bounds? Why or why not?

Food Web / Food Chain Poster Rubric

|  |  |  |
| --- | --- | --- |
|   | POINTS POSSIBLE  | POINTS EARNED  |
| Biome with KEY  | 10  |   |
| Food Chain – 5 links (drawn,labeled,colored)  | 15  |   |
| Food Chain – Energy Arrows  | 10  |   |
| Food Chain – LEFT ½ Poster  | 5  |   |
| Food Web – 10 organisms (drawn,labeled,colored)  | 30  |   |
| Food Web – Energy Arrows  | 10  |   |
| Food Web – RIGHT ½ Poster  | 5  |   |
| Analysis/Conclusion Questions  | 12  |   |
| Name, Teacher Name, Class Period (BOTTOM RIGHT)  | 3  |   |

 TOTAL:\_\_\_\_\_\_