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## Science 10 Food Chain Assignment

Due: Thursday, Sept 27<sup>th</sup>, 2012

Draw a food chain using the food you have eaten today following the pattern sun->grass->cow->hungry student. Your food chain should have at least 10 items as part of it.

Marks

Write the name of each organism by the picture

(/5)

Label the food web with:

- Trophic levels (producer, primary consumer, secondary consumer, tertiary consumer) (/5)
- Energy flow arrows (/2)
- Bonus (where would a decomposer fit on the food chain?) (/1)

On the back of your food chain, answer the following questions:

(/6)

1. How does removing 1 producer from a food chain affect:
  - a. The tertiary consumer(s)?
  - b. The primary consumer(s)?
  
2. How does removing 1 secondary consumer affect:
  - a. The producer(s)?
  - b. The tertiary consumer(s)?

Total Marks = /20