Station C

Words in RED are important-make sure you know them!

What you do:

1) All organisms interact with the living and nonliving parts of their environments.
   a. Use the C – 1 card set.
   b. Sort the cards into biotic and abiotic parts of an environment. Discuss how these biotic and abiotic parts of an environment affect the habitat of the fawn and the flower.
   c. Name at least 2 ways the fawn and flower are interdependent. What parts in the environment are the fawn and flower competing for?
   d. What are some ways the fawn and flower might be affected by a bulldozer clearing the land on which they live to build a new mall?

3) Use the C – 2 card set for the following activity:
   a. Use at least four of the cards to form an energy (food) chain. Record your chain using words or pictures making sure each arrow points toward the organism receiving the energy.
   b. Where does the Sun fit into the energy chain? Where do decomposers fit into the chain? What would happen if there were no decomposers?
   c. Look at the C – 3 diagram of a marine food web. Identify the producer/consumer and predator/prey relationships in the food web diagram. Name a parasite/host relationship that might be part of a marine food web.
   d. What would happen if the aquatic plants died out because of pollution? What would happen if the Nurse shark population doubled? What would happen if the sea coral were to die out due to a disease?
   e. Explain how biodiversity helps to sustain an ecosystem.

4) Name three ways humans are dependant upon ocean systems.
   a. Go to http://tinyurl.com/q56gj89 to investigate how human activities affect a watershed. Type in your group name and start with the intermediate level. Record your score from each section and your final score.
   b. Write at least one thing you learned during each section.

5) Tidy and reorganize the materials for the next group using them.