- Explain the properties of life listed below:
 - Order-life is characterized by highly ordered structure
 - Evolutionary adaptation- adaptations evolve over many generations by the reproductive success of fit individuals
 - Response to the environment- the reaction on organism has with the world around it
 - Regulation- the use of mechanisms of homeostasis to moderate internal changes in the face of external functions
 - Energy processing-living things use food to process energy in order to live.
 Plants process energy by collecting sunlight.
 - Growth and development- inherited genes used a certain code that controls growth and development organism.
 - g. Reproduction- all living things reproduce their own kind
- 2. List and define ALL ten levels of biological organization
 - 1. biosphere- consist of all the environments on earth that are inhabited by life

2 ecosystem- consist of all living and non living things in a specific area

3 communities- entire array of organism inhabiting a particular ecosystem

4 populations- individual species living within the bounds of a specified area

5 organism- individual living things

6 organs+ organ system- body parts made up of 2 or more tissues

7 tissues- a group of similar cells

8 cells- smallest unit considered alive have different functions

9 organelles- various components have made up cells

10 molecule- consist of 2 or more atoms

Describe how energy flows through and ecosystem – can energy be recycled?
 Energy enters as sunlight and is used by producers to make simple sugars

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Brendan G. Carr

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