Designing Your Own Ecosystem

You're going to need to type out or write out your ecosystem information. Make sure you cover the following, we will have the rest of today and will work on this another class period, so no need to rush through, but slacking won't help you!

1. Where is my ecosystem? And what is my habitat like?
    - -what's the temperature like?
    - -humidity? Precipitation (rainfall)?
    - -what is the soil like? Water?
    - -what kind of vegetation does my ecosystem have? Why?
    - -How will this impact my animals?

For each of the these, you need at LEAST two examples (except decomposers). It might be a good idea to break the project up and have each group member do one or two of the following;

2. What are the decomposers that live in my ecosystem?
    - -reproductive behavior
    - -nutritional requirements (what does it eat?)
    - -sensitivities to environmental change
    - -Any usefulness or attractiveness to humans?
    - -how does it rely on other organisms in my ecosystem?

3. Primary *producers*?
    - -reproductive behavior
    - -nutritional requirements (what does it eat?)
    - -sensitivities to environmental change
    - -Any usefulness or attractiveness to humans?
    - -how does it rely on other organisms in my ecosystem?

4. Primary *consumers*?
    - -reproductive behavior
    - -nutritional requirements (what does it eat?)
    - -sensitivities to environmental change
    - -Any usefulness or attractiveness to humans?
    - -how does it rely on other organisms in my ecosystem?

5. Secondary consumers?
    - -reproductive behavior
    - -nutritional requirements (what does it eat?)
    - -sensitivities to environmental change
    - -Any usefulness or attractiveness to humans?
    - -how does it rely on other organisms in my ecosystem?

6. Tertiary consumers?
    -reproductive behavior
    -nutritional requirements (what does it eat?)
    -sensitivities to environmental change
    -Any usefulness or attractiveness to humans?
    -how does it rely on other organisms in my ecosystem?

Don't worry about these questions until you are done designing your organisms.

7. Are any of your organisms in threat of being endangered? Extinct? Why?

8. What is the disturbance (flood, fire, building a wal-mart, global warming, hunting, pesticides, etc)?

9. Which of your organisms most likely won't be affected by the change? Why?

10. What will happen to the populations of your different organisms? Why?