Sustainable City Project

Goal: Your job as a group is to create a sustainable city using the information learned in this lesson on climate change, renewable and nonrenewable resources and your own research.

Part 1: Get in your group and look at the how to design a sustainable city info on the website. Do some research on sustainability and write down some ideas for how you will design your city.

Part 2: look at the city must include a minimum of info. On a few pieces of paper start to design what type of buildings you want to include for each category. An example would be you need a main power source. What source will you use for your city to make it sustainable. Also, put down one or two reasons why you picked to design the building the way you did.

Part 3: Once you decided what type of buildings you are going to put in your city draw a map of the city on a piece of paper as a rough draft. It does not need a ton of detail. It just needs to show were you want to place things in your city.

Part 4: On a large piece of poster board draw your city. I would use pencil for this and then use a marker to write over it once you are satisfied. You need a key or a way to label your buildings and other sites on the map.

Part 5: Write a minimum 100 word explanation about why your city can be called a sustainable city.

Your city must include a minimum of…
4 industrial buildings
10 businesses that the community would need.
1 main power source
1 trash dump
1 sewage plant
1 form of public transportation
2 farms
A main downtown area
3 apartment complex's
5 housing developments
2 parks and 2 other forms of recreation for the community
1 elementary, 1 middle, 1 high school
*Include any other ideas you have to make your city sustainable or environmentally friendly

Grading:

Grading Breakdown		
Map	40pts	Contains all 33 buildings, Is labeled or has a key, Is neat
100 word description	10pts	Includes a minimum of 100 words, describes why the city should be considered sustainable
Total	50pts		