**Designing a Sustainable City**

A group of government officials have appointed you and your team of high school students to come up with a way to save the future of the planet and the human race. They have given you unlimited resources to implement your idea of developing a Sustainable City. Hopefully, this city will influence other nations to start developing and implementing your city design to preserve and sustain the human population until the end of time.

Project Objective: You and your group will design a city that is self-sustaining, eco-friendly, and solves some of the environmental and social problems that exist in the world we live in today.

City Requirements: In order for a city to support human life, there are specific requirements that must be included with the design of the city. Remember that the objective is a self-sustaining, eco-friendly, and problem solving city, so you must take into account these factors when implementing your city’s requirements. The following requirements are to be described in detail and accounted for within your city:

* Energy Production and Usage
* Transportation
* Food Production
* Water
* Water Treatment/Sewage
* Waste

Worldly Problems: Remember that this city is to revolutionize the way human life exists. There are many problems in the world (most of which were caused by humans) from environmental issues to poverty and hunger. Your city needs to address these issues and have solutions for these problems. ALL of the following goals MUST be achieved or have a plan to achieve as you design your city:

* End Poverty and Hunger
* Better Education System
* Better Health System
* Gender Equality
* Economic Growth to Promote Production of Jobs
* Fixing Global Climate Change
* Improving the Health of the Land, Air, and Sea

What to do: You and your group are to create a poster with a picture of your city on the front. You can draw, or use colored printouts, or magazine pictures to give a representation of what your city would look like. The City Requirements need to be represented in your picture. On the back of the poster should be your detailed information about your *City Requirements* AND how your *Worldly Problems* have been (or are being) solved.

Good Luck Saving the World!