

Re-Designing a Green Neighborhood

Geographic Area: Your local community

Purpose: *To Explore a your community and design a sustainable city by taking advantage of the resources available to that area while applying your learning about Eco-Cities.*

Rules for Project:

- You must either **draw or take a picture of the current area** to be redesigned
- You must create a 2 or 3D image of the “green city” that you will design (*extra credit for 3D diarama*)
- You must include a written document describing the current conditions of the area and what improvements your design firm made to the existing community
- Your paper should discuss whether your proposed changes are feasible or simply too hard to accomplish
- What will your improvements bring to your community? (*in terms of events on environment, people and ecosystems*)
- Your project must address the following:
 - Climate of the area
 - Population/Demographics of the Area
 - Geographic Features
 - How will the needs for: energy, transportation, food and water supplies be met?
 - Discuss commercial design (businesses)
 - Discuss residential design (homes)
 - How to use the geography of the area
 - Is it sustainable?
- The written paper should include a before versus after checklist concerning the above topics
- The paper must be at least 2 pages, typed, double spaced, 12 font.