

Name: Abby
Model “Green” City

Group: Gold 1

Our Learning Target:

I can collaborate with my group members to design and build a model “green” city.

	Exceptional I can apply the skills/information in a new context	Proficient I learned and can demonstrate the skills/information	Not Yet Proficient I learned some skills/information	Experiencing Difficulty I can show the parts I’ve learned with help	What is my evidence?
I can explain the geography of a given area including physical and manmade features.		I can explain the geography of a given area including physical and manmade features.			Our project board illustrates our land and manmade features.
I can create a map and key to show physical and manmade features and of a given area.	I can create a map and key to show physical and manmade features and of a given area.				We made our map to scale and included geography and buildings
I can develop a budget for energy supply using my knowledge of economics.		I can develop a budget for energy supply using my knowledge of economics.			We had a little trouble at first, but then we made a more accurate budget.
I can create a grid plan that outlines potential use of renewable and nonrenewable sources depending on my city’s geography.	I can create a grid plan that outlines potential use of renewable and nonrenewable sources depending on my city’s geography.				Our grid plan is also part of our map and is a grid. We tried to accurately graph our potential use of energy.
I can explain the benefits and disadvantages of each		I can explain the benefits and			We describe our energy sources and what they

of our city's chosen energy sources.		disadvantages of each of our city's chosen energy sources.			are used for in our energy plan.
I can work with my group members to reflect on our goals as well as our progress.		I can work with my group members to reflect on our goals as well as our progress.			It was hard to reflect as a group about goals when our group members were often absent. We put thought into our goals and wrote them on the biweekly reports.
I can effectively collaborate with group members in a productive manner.		I can effectively collaborate with group members in a productive manner.			Our group had a little trouble in the beginning working as a group, but managed to pull through and get it done.

Please write a paragraph explaining what your favorite parts of this project were (and why) as well as what your least favorite parts were (and why).
 *(Feel free to use more space as needed)

I liked this group project for many reasons. One of my favorite parts was when we started building. We had a lot of materials and were creative with what we used. I love building and art and this was a combination of both. I also liked that we did some research and learned how we could apply these energy sources to the real world. This project was hard because it would have been easier with more time. I felt a little rushed even with the extra two hours we were given. The good part about having less time is that it was more of a challenge. We had to use our time and materials wisely and still be committed to quality. I wish the groups were only about four people and had multiple responsibilities. I like working in small groups more because it was sometimes hard to communicate with everyone and work all together. This project had some ups and downs, but overall I enjoyed it and learned new things.

Write a well reason paragraph explaining what major factors (geography, economic, energy, ect.) you and your group considered when developing your city?
 Please include at least one interesting thing you learned through throughout this unit on energy.

My group worked with several major factors to come up with an accurate idea of our city and layout. One of the first things we looked at was the

geography because we thought it was important to use our resources to our advantage. An example of that would be that because of our abundance of water compared to land we have quite a few hydro dams and offshore wind turbines. The economics were more of an obstacle than a help with deciding energy sources. Our large population and little money made it more difficult to pay for energy sources. The biggest thing that I learned from this project was use what you have to your advantage. That means geography and energy sources, building and materials. We worked hard to make our green city and thought it out.