

GREEN SCHOOL WEBQUEST



NAME _____

INTRODUCTION

Congratulations you have been chosen to create the school of the future. Protecting the environment is a high priority and your new school will be the ultimate in green technology. By understanding what schools were like 100 years ago, 50 years ago and what school buildings are like today you can plan for a school 50 years from now. [Research Chart](#)

Focus	100 Years Ago	50 Years Ago	Today
Architecture The Building			
Energy Heat and Light			
Landscape Outside Design			
Resources Recycling and Trash			

THE TASK

Create a school of the future incorporating green technology.

- Your team needs to design a school that reduces its energy footprint;
- You will design a k-5 Elementary school
- Your school must have eight green initiatives
- Your school will have an energy mission statement
- A name that matches the school mission
- A press release promoting your school



THE PROCESS

To accomplish the task you will work with a team of classmates who specialize in different green technologies.

Architect – Design layout of school

Energy Coach – Research energy sources for electrical and heat

Landscape Artist – Design the plants, gardens and playgrounds

Recycling Coach – Pre-cycling and recycling plan

GREEN EDUCATION

1. First you'll be assigned to role for a school team
2. Work with the others in your same job to research your topic both in the past and current day.
3. Create a poster outlining the information you gathered
4. Students graduate from their specialty school

SCHOOL GREEN TEAM

1. Work with the different specialists to design your future school
2. Develop two green initiatives that relate to your specialty.
3. Present your final project in a team presentation.

Search through the energy links and collect information on your topic. Create a large org chart with a topic web. Be sure everyone on your team understands their role on the school team. Once you are finished researching you can go to work with your Green School Team. Together you will create a Green School Design and plan to present to the class.

LINKS

[Ways to Go Green](#)

[Energy Star](#)

[Energy Kids](#)

[Energy Quest](#)

[Solar Energy](#)

[Tree Hugger](#)

[EPA](#)

[World Watch](#)

CONCLUSION

Thank you for doing your part to help the environment. The future belongs to you and your knowledge and action will make the world a better place.

EVALUATION - [EVALUATION](#)

Your grade will be based on your individual contribution and the whole group project.

	Beginning 1	Accomplished 2	Exemplary 3
Architect	Minimal drawing of school	Good design layout of school	Excellent design layout of school
Energy Coach	Brief electrical and heating plan	Electrical and heating plan	Detailed electrical and heating plan
Landscape Artist	Minimal gardening plan	Adequate plant, garden and playground plan	Elaborate plant, garden and playground plan
Recycling Coach	Pre-cycling and }recycling mentioned	Adequate Pre-cycling and recycling plan	Outstanding Pre-cycling and recycling plan
	Beginning 1	Accomplished 2	Exemplary 3
Individual Task	Few tasks are completed. Work is not neat or organized	Most tasks are completed. Work is neat, organized and of good quality.	All task are completed. Work is neat, organized, and of excellent quality.
Individual Contributions to the Group	Few contributions were made.	Some contributions were made.	Many contributions were made.
Group Project Presentation	Presentation is disorganized. Audience is not engaged.	Presentation is organized. Audience is engaged.	Presentation is extremely organized. Audience is engaged by a lively presentation.