GREEN LIVING SCIENCE

Future   Detroit

Objective	Students will apply the information they have learned to create a future city of Detroit that uses renewable resources, incorporates better material use and disposal along with pollution free living.
Grade Levels	4th – 8th Grade
Duration	30 minutes
# of Kids	30 kids

Setting	In Class Lesson	**Outdoor Classroom**	Professional Development
	After School	Field Trip	Career Day
	Recycling Team Training	Parent Meeting	Community Event

Supplies	- Recyclable materials - Scissors - Tape or glue - Paper - Pencils - Markers or crayons
Procedure	- Review information students have learned throughout the after school program. Ask the questions listed below to have a discussion reviewing important concepts. Why is it important to practice the three R's? --conserve natural resources, prevent materials from being improperly disposed of What are some ways we can decrease our energy use? --turn off lights, unplug things when not in use, carpool or ride bikes to decrease oil used from driving, make homes energy efficient How can communities decrease their impact on the environment? --community clean ups, start a recycling program in their neighborhood Why is it important to repair broken machines or goods? --to reuse materials and conserve natural resources How can you decrease the amount to nonrenewable resources used to create energy? --increase the number of renewable resources used by building solar panel and wind turbines - Explain that students will apply the information they learned to create a model of a future Detroit. This model should include alternative energy use, incorporate waste disposal that is not harmful to the environment,

	transportation, food systems, and other aspects of a city that students want to see. ● The goal is to create a model of Detroit that does not have negative impacts on the environment. Encourage students to include aspects of a city that will also provide a positive and healthy life for all citizens.
Modifications	