

Class:
Date:

Name:

Green Infrastructure Research Project

You work for a local construction company that uses environmentally friendly building methods to reduce stormwater runoff and protect Onondaga Lake's watershed. To promote your services to customers, you decide to create advertisements for specific types of green infrastructure technology that your company can install.

Instructions:

1.) Pick one of the following green infrastructure technologies to research:

- Rain barrel
- Planter box
- Permeable pavement
- Vegetated swale (also known as a bioswale)
- Green roof
- Cistern
- Rain garden or bioretention basin

2.) Create a poster that answers the following questions about the technology you have chosen to advertise:

- What is it and how does it work?
- What does it look like? (Include 2 or 3 illustrations of this technology.)
- Explain the environmental problem(s) this technology helps to solve. How does this technology help to solve the problem(s)?
- Are there other benefits of using this technology? If so, describe them.
- Give an example of a specific location where this technology could be installed in this area.

Here are some websites to get you started!

http://water.epa.gov/infrastructure/greeninfrastructure/gi_what.cfm

<http://savetherain.us/green-infrastructure/>



Onondaga Environmental Institute
www.onondagaenvironmentalinstitute.org