

## **Pre Visit Activities**

- begin a Know, Wonder, Learn (KWL) chart about conservation of energy to bring with you to Forest Valley
- take a school community walk to collect data about energy sources and sort data into renewable and non-renewable energy (e.g. trees use solar energy -renewable, cars use gas -non-renewable)
- begin researching where our waste goes and how much energy is actually needed to “throw something away
- conduct a waste audit in your classroom
- graph and track the results of your energy and waste audits on a class bulletin board
- review different forms of energy, how energy is stored and how it is transformed

## **Post Visit Activities**

- Continue your Know, Wonder, Learn (KWL) chart about conservation of energy to plan the rest of your inquiry
- take a school community walk to collect data about energy sources and sort data into renewable and non-renewable energy (e.g. trees use solar energy -renewable, cars use gas -non-renewable) Collaborate with your Eco Schools committee to plan a waste minimization or energy conservation initiative
- research where our waste goes and how much energy is actually needed to “throw something away” make a garbage timeline to post near waste containers to grow awareness about energy and resource choices
- graph and track the results of your energy and waste audits on a class bulletin board
- review different forms of energy, how energy is stored and how it is transformed
- Students work in groups to create a board game that teaches how energy flows through a habitat (pieces that represent energy must move through the habitat)