

## **Pre Visit Activities**

- begin researching how things are made and make a tally of the primary natural resource that is used and whether matter has been changed chemically or physically and assess the environmental impact
- begin a Know, Wonder, Learn (KWL) chart based on the Framing Question (How does measuring changes in matter help us assess environmental impact?) to bring with you to Forest Valley
- review the states of matter and how it changes (e.g., water cycle)
- consider cooking a simple recipe with your students to explore physical and chemical changes in matter
- collect data about air temperature over a 2-week period, measure and record rainfall
- talk to your Eco Schools committee about a classroom or school wide energy conservation/ waste reduction class project

## **Post Visit Activities**

- Collect and graph data on a bulletin board about waste generated in the class or in the school because of a waste audit
- add soil composting to a school garden initiative
- begin a scientific inquiry into the real cost of recycling/disposing of waste
- re-create an experiment from Forest Valley or try a new one (e.g., which material works better to absorb liquid? Sponge? Cloth? Paper towel?)
- research the time it takes for different materials to decompose and create a garbage timeline to inform others about the impact of landfills