SAN ANTONIO MUSEUM OF SCIENCE AND TECHNOLOGY

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Grades K-5

Watt Watchers: Controlling Water With Building Blocks

In this activity, students work in groups to control the flow of water with man-made constructions. Instead of using large-scale masonry and cement, you can complete this activity with your students using interlocking building blocks, such as LEGO®.

****This is a great outdoor activity.****

Grades K-5

Watt Watchers: How Much Food Do You Waste?

There are many ways that food ends up being wasted. Growing and storing food takes money, and fuel, so when it's wasted it not only wastes food, which is an important resource, but so are the fuel, energy, and money that it takes to produce the food. There are some easy things you can do to reduce the amount of food you waste.

Grades K-8

Watt Watchers: Junk Art

This activity focuses on the "reuse" theme of reduce-reuse-recycle. Students collect waste materials (paper, bottles, cans, cardboard tubes, fabric, etc) and find other uses for them either

practically, for a school project, or as art objects. Cutting utensils or sharp objects may not be suitable for younger students, but otherwise this is an activity for students of all ages.

Grades 3-6

Watt Watchers: Home Energy Survey

In this lesson, students become more aware of their energy use by conducting a home energy survey. They answer questions to learn about appliances and air leaks in the home. Students will also discuss ways to save energy and develop a plan to start saving energy at home.

Grades 3-8

Watt Watchers: Meter Reading

Students will learn to read utility meters and compute energy use. Students will proceed to monitor the energy used in their homes and keep a daily record.

Grades 4,5

Watt Watchers: Calculating Showers

Saving water at home is easier than you think. By making small, intentional changes, you can save water at home.

Grades 4,6

Model Rockets

Blast off into space! Until these kids get their chance to travel in space, they build and fly model rockets here on Earth. Mary Lynn, Jessica and Arena are designing a rocket to compete in a model rocket festival in Amarillo, Texas. Their question is: How can we design a rocket that reaches 1,600 feet?

Grades 6,7

Watt Watchers: How Much Water Do You Use?

You can learn how much water your house uses by reading your home meter. The Meter Reading activity will help you learn how to read a meter. In this activity, we are going to learn how to measure how many minutes of water you are using and find ways that you can conserve.