

## EnviroScape Watershed Model Interactive Demonstration



Photo by Andrea Ceisler, Northern Virginia Soil & Water Conservation District.

The EnviroScape® Watershed/Nonpoint Source model demonstrates how different land uses affect water quality. The City of Falls Church has an EnviroScape Watershed Model. A demonstration can be arranged for a class or group. You can see pictures of the EnviroScape at <http://www.enviroscapecom.com>. To arrange an EnviroScape demonstration, contact Annette Mills, Falls Church Environmental Programs Specialist, at 703.248.5176.

A demonstration of this watershed model supports the following SOLs:

### **Science SOLs:**

1.8 - Student will investigate and understand that natural resources are limited. Key concepts include ...factors that affect air and water quality...

3.9 - Student will investigate and understand the water cycle and its relationship to life on earth.

3.10 – Student will investigate and understand that natural events and human influences can affect the survival of species. Key concepts include: ...human effects on the quality of air, water, and habitat; the effects of fire, flood, disease, erosion, ... on organisms.

4.5 - Student will investigate and understand how plants and animals in an ecosystem interact with one another and the nonliving environment. Key concepts include: ... influence of human activity on ecosystems.

4.8 - Student will investigate and understand important Virginia natural resources.

6.11 - Student will investigate and understand public policy decisions relating to the environment. (Management of renewable resources, management on nonrenewable resources, and cost / benefit tradeoffs in conservation policies.)