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## Conservation on Wheels

Science &  
Conservation  
Education Programs

*Grades 6-8*

2009 – 2010  
School Year



### Educators:

Another school year has arrived! The Madison Soil and Water Conservation District (SWCD) is once again offering FREE programs to any school or organization located within Madison County. The District believes that conservation extends to all ages. Students can develop an understanding of conservation at an early age and carry that knowledge with them throughout their lives.

The Madison SWCD can deliver hands-on activities into your classroom. The programs listed cover a wide range of topics and meet the Ohio Academic Content Standards for Science. Each program is approximately 30-45 minutes long and can be modified for any grade level. *All materials are free!*



### Field Trips

#### *Fossil collecting at Caesar Creek*

Caesar Creek State Park is known around the world as one of the best places to collect fossils from the Ordovician Period. We will spend the morning collecting fossils, eat our sack lunch, and tour the visitor center before heading back to school.



#### *Gwynne Conservation Area*

A trip to the Gwynne will allow your students to get their feet wet in the stream while they look for crayfish, insect larvae, and fish or use a net to catch tadpoles in the pond. They can visit the soil pit to see the layers of soil underneath their feet and compare habitats such as prairies, forests and wetlands. Your students will discover what wildlife calls this place home!



### Fossils

Students will learn about the different types of fossils found in Ohio, why they are found here and what animals they are related to today.  
8th



### Rocks and Minerals

Students will review the rock cycle, learn how to distinguish rocks from minerals by using “edible” examples and identify everyday products made from minerals.  
6th



### Streamulator\*

Using running water, this display shows stream dynamics including parts of a stream, stream flow, delta formation, erosion, and conservation practices.  
7th & 8th

### Ground Water Model

Using a tabletop model, basic ground water concepts will be discussed. Possible ground water contamination scenarios will be demonstrated.  
7th

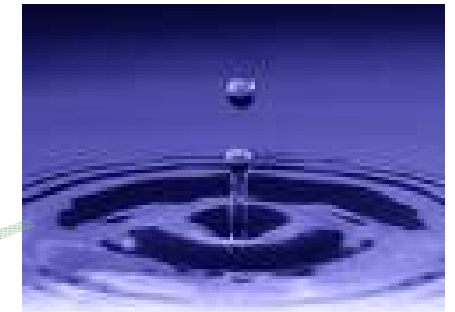
### EnviroScape

This hands-on model demonstrates land use and pollution in a watershed. Students will learn how to reduce erosion and water contaminants.  
7th



### Renewable or Not?

Students will learn the difference between renewable and non-renewable resources and simulate society’s use of resources.  
6th



### Links in the Chain

In this physical activity, students will learn about the consequences of pollutants entering a food chain.  
6th

\*Due to set up and clean up time required, please plan to have several classes observe this display throughout the day.