

Boone County Conservation District

In-school Programs for 6th Grade

Groundwater

We have two options from which to choose for our groundwater program. Each option takes one class period with additional time needed for set-up and clean-up.

Scheduling begins in November for program dates in December.

To schedule a program or if you have further questions, please call (815)547-7935.

Cost: \$3.00 per student for Boone County schools
\$6.00 per student for out of county schools

Next Generation Science Standards

MS-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

GROUNDWATER FILTRATION CHALLENGE

The format of the program is a PowerPoint presentation followed by a fun, hands-on groundwater filtration activity. The presentation discusses topics such as the water cycle, groundwater use in the US, the importance of water conservation & protection, and others. The objective of the activity is to familiarize students with groundwater filtration. The class will then construct their own “water filtration system” to see which group has the best, and most efficient, working model. *The teacher will need to supply a clean two-liter plastic bottle cut in half and a pair of scissors for each group of 4 – 5 students.*

GROUNDWATER MODEL DEMONSTRATION

This demonstration includes a discussion on the basic principles of the water cycle and the movement of water underground, including water quality-related issues.

