

ENVIROSCOPE PRESENTATION

Information Sheet



Grades: K-5

Topics: Water Pollution, Watersheds

What is an EnviroScope?

The EnviroScope is a scaled-down plastic model of a watershed with various landscape and topographical features as well as model houses, cars, factories, trees, and animals. This model, which can be placed on a table or the floor/ground for presentations, is used for teaching concepts around water pollution through a hands-on approach that engages students and encourages information retention.

How does an EnviroScope presentation look?

Through a speaker-led presentation, the EnviroScope model enables students to visually learn about water quality, stormwater runoff, nonpoint source & point source pollution, and watersheds. The presenter demonstrates how animal waste, chemical sludge, litter, fertilizer pollutants, etc., are released into the environment through various human activities, and subsequently how stormwater carries the pollution across the landscape into rivers and lakes. Students learn about the importance of keeping water clean and measures individuals and businesses can take to minimize pollution.

Each presentation lasts approximately 45 minutes and it best suited for groups of 25 students or less. Presentations are free of charge.

Objectives

The EnviroScope presentation helps students build an understanding of the Earth's Hydrosphere. More specifically, this presentation covers the following topics:

- What a watershed is and how it functions
- Point and nonpoint source pollution and the impacts on water quality
- How stormwater runoff causes flooding and erosion, and redistributes pollution
- Water quality issues that affect local rivers and lakes
- Waste management and pollution minimization concepts
- Stewardship and personal responsibility for protecting our water and environment



How to schedule an EnviroScope Presentation

The Uinta County Conservation District (UCCD) is available to teach EnviroScope presentations free of charge to public classrooms, homeschool and youth groups, etc.

Schedule a lesson at least two weeks in advance by contacting the UCCD Education Coordinator at 307-787-3070 or klott.uccd@gmail.com.

