

Enviroscape Presentation TEACHER INFO SHEET

**Please read carefully.*



What is the Enviroscape presentation?

The Enviroscape is a scaled-down model of a watershed that enables students to visually learn about water quality, stormwater runoff, watersheds, nonpoint source pollution, and stewardship through a speaker-led presentation.

How does the presentation meet goals and objectives for 8th grade science?

The presentation directly correlates with the NC Standard Course of Study (NCSCOS) goals and objectives for 8th grade science *Goal #3: The learner will build an understanding of the hydrosphere.* More specifically, the presentation covers the following topics:

- ◆ Point and nonpoint source pollution and the impacts on water quality
- ◆ What a river basin (watershed) is and how it functions
- ◆ How terrestrial and aquatic food webs are interconnected
- ◆ Learning how humans affect the quality of water
- ◆ Water quality issues affecting our local creeks and waterways
- ◆ The connection between wetlands and water quality
- ◆ Stewardship and personal responsibility for protecting our waterways and the environment

When will I have the Enviroscape Presentation in my classroom?

The Enviroscape presentation is integrated into the 8th grade science curriculum in New Hanover County Schools. During the timeframe that you are scheduled to have the Hydrology Kit in your classroom, it will be arranged for your science classes to have the Enviroscape presentation. Dates and times for presentations are set by the NHC Schools Science Coordinator. You should receive a copy of the schedule at the beginning of the Fall or Spring semester (*depending on when you are scheduled to have the Hydrology kit in your classroom*).

Each presentation lasts about 1 hour, but will be adjusted for shorter class periods. If class periods last longer than 1 hour, teachers are responsible for having additional activities for the students. Resources can be found online: www.wilmingtonnc.gov/enviroscape

How should I prepare my classroom for the presentation?

Please have a low table available to set up the Enviroscape. We will ask you to arrange students in their chairs around the Enviroscape in a semi-circle (shortest students in the front) so that every student can see the presentation. Please have a roll of paper towels on hand for cleaning up after the presentation.

Where can I find resources and activities related to the Enviroscape Presentation?

Extensive resources such as writing & oral presentation prompts, science fair project ideas, schoolyard walk-about activities, etc. can be found online: www.wilmingtonnc.gov/enviroscape

Teachers will receive an online Evaluation form after the presentation(s). We value your feedback!

Enviroscape Contacts ~ The following agencies work together to deliver presentations to 8th grade classes:

City of Wilmington Stormwater Services:	Jennifer Butler/ Enviroscape Program Coordinator , 341-5895(w), 264-8181(c), jennifer.butler@wilmingtonnc.gov
NH Soil & Water Conservation District:	Dru Harrison, 798-6032(w), 231-5171(c), dru.harrison@nhswcd.org
Cape Fear River Watch:	Kay Lynn Plummer-Hernandez 762-5606 (w), 985-855-2921 (c), kaylynn@cfwr.us