

## **New Jersey Coalition of Lakes Association (NJCOLA): Education & Outreach Committee**

### **Virtual Lesson Ideas Using EnviroScape Videos: *How Can I Be Environmentally Friendly to My Lake?***

#### **Let's Get Virtual!**

As members of lake communities that seek to educate children, teens, and adults as to what each person can do towards improving the health of our waterways, the NJ COLA Education Committee is offering resources that can be used to engage and provide stimulating educational experiences using the EnviroScape Non Point Source Model in a virtual format.

We enthusiastically offer several opportunities to let the EnviroScape model be a fun interactive star that you can post on your websites. This will allow a focus on the positive; for example, as the videos demonstrate how trees, grasses, wetlands & best management practices prevent and control water pollution in our lakes.

The three (3) EnviroScape Educational Presentations that are listed here include one from the Discover DEP - NJ Department of Environmental Protection that is approximately twenty (20) minutes in length. It highlights New Jersey concerns as presented by a NJ Watershed Ambassador for an audience of older students and adults. The second video is for younger students and shorter in length at approximately seven (7) minutes from the Heritage Conservancy in Philadelphia. There are many other extensions that can be accessed from their website that include ideas for making your own "watershed" and downloading activity handouts. Finally, the third resource is from Hamilton County, Ohio. It is directed towards all ages and is approximately twelve (12) minutes in total length.

### **Create Your Own Watershed!**

"What we do on land impacts the quality of the water we drink. Young adults can watch a hands-on demonstration of how pollutants get into our drinking water, and then create their own watershed at home."

**Activity:** <https://heritageconservancy.org/wp-content/uploads/2020/03/Watershed-Activity.pdf>

Want to share watershed models? Encourage those who wish to post their videos to allow others to experience their unique, handmade models. Be sure to have parents and/or guardians actively involved before approving any postings. Have fun and visit the NJ COLA Kids' Page!

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## EnviroScape Educational Presentations

*Virtual EnviroScape Lesson on Non-point source pollution:* New Jersey Watershed Ambassador  
<https://youtu.be/zCvRNIAHJyc>

21:12 minutes

May 7, 2020



Discover DEP - New Jersey Department of Environmental Protection: For older students and adults, a local watershed ambassador shares what we can do to help our lakes and waterways, including a note on HABs and Watersheds: Point and Non-Point Source Pollution.

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Heritage Conservancy *EnviroScape Lesson with Shannon Fredebaugh-Siller*

<https://www.facebook.com/heritageconservancy/videos/536861713877090/>

@ 7 minutes

March 20, 2020

Have your children watch this hands-on demonstration that shows how pollutants can get into our drinking water, and then create your own watershed at home. #AtHomeWithNature  
“In the Philadelphia area, we may not always agree on how to pronounce "water," but one thing we can agree on is that water is important to all of us! What we do on land impacts the quality of the water we drink.”

Visit their site <https://heritageconservancy.org/resources/at-home-with-nature/> to explore more of their "At Home with Nature" series, including activity worksheets!

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*Enviroscape Watershed Model Presentation:* Ohio

<https://youtu.be/yGx5d250uX8>

11:57 minutes

Mar 30, 2018



For all ages from Hamilton County SWCD:

A 3-dimensional watershed EnviroScape model helps us easily see the relationship between human activity and the environment and what we can do to help protect local water quality. You will understand the concept of a watershed and learn the difference between point and non-point sources of pollution.

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