



*Advancing the
Environmental Sciences
and the Arts*

Sun Foundation Clean Water Celebration
Focus questions for sessions 2024

Amphibians as Indicator Species - Douglas Holmes, resident herpetologist [Peoria Zoo](#)

What can I do to help?.

Where do we sign up?

Backyard Habitats - [Wildlife Prairie Park](#)

What lives in your backyard?

Choose Your Path and the Good Red Road - [Eagle Ridge Singers and Friends](#), Jimmy Lakota, Jo Lakota

What is the Good Red Road?

How will it help you make good choices?

Clean Water It's for the Birds - [Dr. Travis Wilcoxon](#)

What are some of the things people release into the environment that can make birds sick?

What can people do in their everyday lives to improve bird health?

Creating River Music, Songwriting with a purpose - [Barry Cloyd](#)

What can songs do for us?

Creating Sanctuaries to Safeguard Birds - Sanctuaries for the Skies with Stevenson High School seniors: Abhay Agarwal, Eunhyul Chang, and Kush Nagrani

What is a sanctuary?

What role does biodiversity have in creating a successful sanctuary for birds?

Drinking Water - From Source to Tap - Trip Barton, [Illinois American Water](#)

Where does my drinking water come from?

What happens to it before it gets to my house?

Food's Connection to Water and More! - Tim Magner

What role does agriculture have in protecting water and our food?

What role do laws (policies and incentives) have in shaping the ag (agriculture) and food landscape?

Getting Involved in Conservation: Giving Back to the Land - Shae Birkey

Who foots the bill for modern day conservation in the United States and how?

Why is care and concern for the land and its many animal species important?

It's NOT Magic, It's Science!!! - [Dr. Dean Campbell](#) & Bradley University Chemistry Club Demo Crew

What are some of the properties of water?

Why is water important to all life?

Native Plants - Make and Take a Seed Ball - Rachel Mitchell

What are seed balls?

Why are they important?

How do I store them until I use them?

Natural Dyes with Foraged Roots Apothecary - Lily Scalf

What is shibori?

What are 4 natural dye pigments?

Students Taking Action: [P2D2](#) and more! - Pontiac Township High School Environmental Science

Why is it important to dispose of pills properly?

Where can you find a disposal site for your medications?

The Diversity of Life in Illinois Waters - John Marino, Aquatic Ecologist

What types of animals live in Illinois waters and why are they important?

How are the actions of people affecting living things in Illinois waters?

The History of Science as told by Mark Twain - [Warren Brown](#)

How did Sam Clemens a.k.a. Mark Twain contribute to the world of science and literature?

How did Mark Twain contribute to "clean water" in the United States, after his death?

The Time Machine - The Pertinence of Place - Matthew Jones

What are the names of some of the tribes mentioned in the presentation?

What are some of the geographical features and/or biomes mentioned in this presentation?

Upcycled Water Bottle Carrier - Nikki Wheeler, Peoria Art Guild

In what ways can upcycling contribute to a more sustainable and eco-friendly lifestyle?

How can you inspire your friends and family to adopt more sustainable practices?

Walter the Water Molecule Connects Us All - Brian FOX Ellis

How does water make connections?

How are evaporation, condensation, precipitation and collection connected in this story?

Water Cycle Adventures - Susie Grana Ingram, [Forest Park Nature Center](#)

In which part of the water cycle did you spend the most time?

What species of live animal did you encounter that makes its home in the Illinois River Valley?

Zoo Conservation, Making a Splash! – [Peoria Zoo](#)

Name one way the Peoria Zoo is saving alligator snapping turtles

Name one way you (the student) can help the alligator snapping turtle.