Water

Water, Water Everywhere: Designing Water Filters

TEACHER RESOURCES

The Water Cycle
This site hosts a variety of resources related to watershed pollution and conservation, compiled by the National Oceanic and Atmospheric Administration (NOAA). From this site, teachers can also access video, real-world data, and lesson plans designed to help students think about water pollution and the importance of clean water to human society.

http://www.education.noaa.gov/Freshwater/Water_Cycle.html

Inventor of the Week: Dr. Ashok Gadgil
In EiE's Saving Salila's Turtle, students are introduced to the work of Dr. Gadgil--who, as it turns out, is not fictional after all! The MIT School of Engineering offers this brief biography of the real Dr. Ashok Gadgil and a description of his inventions, including a water purification system in India.

http://web.mit.edu/invent/iow/gadgil.html

VIDEO FOR STUDENTS

Water Treatment Plant
This video explains how water treatment plants clean water using filters and chemicals so that it is safe to drink. This video was developed by ZOOM and is hosted through PBS LearningMedia™. (2:22)

http://bit.ly/1h7A3IS

Water Cycle Animation
This short animation developed by NASA illustrates the water cycle and provides opportunities for students to put the water cycle into their own words. The video is accompanied by background information for the teacher and discussion questions for students. (0:52)


Water Cycle Jump
This music video from Bill Nye, hosted on Schooltube.com, features a water cycle rap. (1:30)

http://bit.ly/1bcDuvu

INTERACTIVE FOR STUDENTS

The Environmental Protection Agency’s Student Center
EPA's student center offers a variety of online games and quizzes designed to get students thinking about their environment. This page links to a list of environment-themed games for students.

http://www.epa.gov/students/games.html

Want to suggest other resources for the unit? Write to eie@mos.org. For science and literacy resources that support other EiE units, visit eie.org.