

WATER QUALITY STEWARD STUDY GUIDE SOURCES and RESOURCES

Activities from the Water Quality Steward Study Guide were selected and adapted from some of the following resources. Additional resources have been added to enhance this water quality unit study. Please note that website addresses are regularly subject to change. The site addresses on our list have been updated as of June 2017. If a site is no longer active or you would like to suggest additional sites to be added to this resource list, please will you send that information to bayoutown@att.net? This is not an exhaustive list, therefore, please also search topics online to find additional resources.

ADOPT-A-STREAM

Stream Stewardship Program
Mississippi Wildlife Federation
www.mswildlife.org/aas/

ADOPT YOUR WATERSHED

Environmental Protection Agency (EPA)
<https://www.google.com/search?q=adopt+your+watershed&oq=adopt+your+watershed&aqs=chrome..69j57.3533j0j1&sourceid=chrome&ie=UTF-8>

BEST MANAGEMENT PRACTICES for STORM WATER

Environmental Protection Agency (EPA)
www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu

COASTAL NON-POINT SOURCE POLLUTION

National Oceanic and Atmospheric Administration (NOAA)
www.coast.noaa.gov/estuaries/curriculum/

COHESION/ADHESION

www.google.com/search?q=TOPS+-COHESION%2FADHESION&oq=TOPS+&aqs=chrome.0.69i59j69i57j0l4.1660j0j4&sourceid=chrome&ie=UTF-8

www.boundless.com/biology/textbooks/boundless-biology-textbook/the-chemical-foundation-of-life-2/water-51/water-s-cohesive-and-adhesive-properties-286-11419/

DRINKING WATER ACTIVITIES for STUDENTS and TEACHERS

Environmental Protection Agency (EPA)
www.epa.gov/ground-water-and-drinking-water/drinking-water-activities-students-and-teachers

EARTH TEAM VOLUNTEERS

Natural Resources Conservation Service

www.nrcs.usda.gov/wps/portal/nrcs/main/national/people/volunteers/

GIVE WATER a HAND

University of Wisconsin

<http://erc.cals.wisc.edu/gwah/>

GUIDE FOR CITIZEN'S AND TOWN OFFICIALS

BEST MANAGEMENT PRACTICES TO CONTROL

NON-POINT SOURCE POLLUTION

New Hampshire Department of Environmental Services

www.des.nh.gov/organization/commissioner/pip/publications/wd/documents/wd-03-42.pdf

HOUSEHOLD USE and DISPOSAL of CHEMICALS

Environmental Protection Agency

www.epa.nsw.gov.au/pesticides/chemhousehold.htm

LEARNING and TEACHING ABOUT the ENVIRONMENT

Environmental Protection Agency (EPA)

www.epa.gov/students

LESSON PLANS ABOUT NATIONAL PARKS

National Park Service

www.nps.gov/teachers/index.htm

MISSISSIPPI BEACH MONITORING PROGRAM

The Mississippi Department of Environmental Quality (MDEQ)

<http://opcgis.deq.state.ms.us/beaches/>

MISSISSIPPI COAST AUDUBON SOCIETY

www.mscoastaudubon.org/

MISSISSIPPI COASTAL CLEANUP

www.coastalcleanup.extension.msstate.edu/

MISSISSIPPI ENVIRONMENTAL EDUCATION ALLIANCE

www.eeinmississippi.org/

MISSISSIPPI ENVIROTHON

Mississippi Soil & Water Conservation Commission

www.mswcc.ms.gov/SitePages/Mississippi%20Envirothon.aspx

MISSISSIPPI GULF SPILL RESTORATION PROJECTS

The Mississippi Department of Environmental Quality (MDEQ)

www.msrestoreteam.com/ProjectStoryMap/

MISSISSIPPI STATE UNIVERSITY EXTENSION SERVICE

www.extension.msstate.edu/

MISSISSIPPI WILDLIFE FISHERIES & PARKS YOUTH PROGRAMS

www.mdwfp.com/education-outreach/youth-programs/

NATURAL SCIENCE EDUCATION for TEACHERS

Mississippi Museum of Natural Science

www.mdwfp.com/museum/learn-teach/for-teachers/

NON-POINT SOURCE POLLUTION

Mississippi Department of Environmental Quality (MDEQ)

Office of Pollution Control

P.O. Box 2261, Jackson, MS 39225

(601)961-5171

www.deq.state.ms.us/MDEQ.nsf/page/NPS_ManagingPollutedRunoffInMississippi

NON-POINT SOURCE POLLUTION EDUCATION PUBLIC OUTREACH

The Mississippi Department of Environmental Quality

www.deq.state.ms.us/MDEQ.nsf/page/NPS_Education_Public_Outreach?OpenDocument

NON-POINT SOURCE EDUCATION POLLUTION WORKSHOPS for TEACHERS

The Mississippi Department of Environmental Quality

www.deq.state.ms.us/MDEQ.nsf/page/NPS_EducationWorkshops?OpenDocument

PASCAGOULA RIVER AUDUBON CENTER

<http://pascagoulariver.audubon.org>

PRESIDENT'S ENVIRONMENTAL YOUTH AWARD

Environmental Protection Agency (EPA)

www.epa.gov/education/presidents-environmental-youth-award

PROJECT LEARNING TREE

American Forest Foundation

www.plt.org/network/mississippi/

PROJECT WET

World Wide Water Education for Teachers

www.projectwet.org/

RECYCLE CITY ONLINE ENVIRONMENTAL GAMES

Environmental Protection Agency (EPA)

Recycling Games for Students

<https://www3.epa.gov/recyclecity/>

REIGNING OVER RUNOFF

The Mississippi Department of Environmental Quality

www.deq.state.ms.us/mdeq.nsf/page/NPS_reigningoverrunoff?OpenDocument

SAM E. SOIL & WENDY WATER

Mississippi Soil & Water Conservation Commission (MSWCC)

www.mswcc.ms.gov/SitePages/SamESoil_and_WendyWater.aspx

SCIENCE IN YOUR WATERSHED

United States Geological Survey - (USGS)

<http://water.usgs.gov/wsc/>

<https://water.usgs.gov/wsc/acc/031700.html>

STORM DRAIN MARKING

Mississippi Wildlife Federation

www.mswildlife.org/aas/storm-drain-marking/

STUDENTS & EDUCATORS

The Groundwater Foundation

www.groundwater.org/kids/welcome.html

STUFF for KIDS

Department of Marine Resources (DMR)

www.dmr.state.ms.us/index.php/education/stuff-for-kids

SURF YOUR WATERSHED

Environmental Protection Agency (EPA)

<https://cfpub.epa.gov/surf/locate/index.cfm>

TEACHERS and STUDENTS

Natural Resources Conservation Services (NRCS)

www.nrcs.usda.gov/wps/portal/nrcs/main/national/people/teachstudent/

TEACHER'S GUIDE to WETLAND ACTIVITIES

Ducks Unlimited

www.uaex.edu/environment-nature/wildlife/youth-education/TR%20Wetlands%20activities%20DU.pdf

TEACHER RESOURCES

Land Trust for the Mississippi Coastal Plain

www.ltmcp.org/teacher-resources/

THE BASIN MANAGEMENT APPROACH

Mississippi Department of Environmental Quality (MDEQ)

www.deq.state.ms.us/mdeq.nsf/page/WMB_About_BMA?OpenDocument

THE CROSBY ARBORETUM

Mississippi State University Extension

www.crosbyarboretum.msstate.edu/

THIRSTIN'S WACKY WATER ADVENTURE

Environmental Protection Agency (EPA)

www.yumpu.com/en/document/view/21923761/thirstins-wacky-water-adventure-activity-book-pdf

THIRSTIN'S WATER CYCLE ADVENTURE

Environmental Protection Agency (EPA)

www.epa.gov/safewater/kids/pdfs/graphic_grades_k-3_watercycle.pdf

UNIVERSITY OF SOUTHERN MISSISSIPPI MARINE EDUCATION CENTER

University of Southern Mississippi (USM)

<http://gcrl.usm.edu/index.php>

WATER SENSE for KIDS

Environmental Protection Agency (EPA)
www.epa.gov/watersense/watersense-kids

WATERSHED LESSON PLANS

The Mississippi Department of Environmental Quality
[www.deq.state.ms.us/MDEQ.nsf/pdf/NPS_WatershedLP/\\$File/WatershedLessonPlans.pdf?OpenElement](http://www.deq.state.ms.us/MDEQ.nsf/pdf/NPS_WatershedLP/$File/WatershedLessonPlans.pdf?OpenElement)

WATER SOURCEBOOK

Environmental Protection Agency (EPA)
<https://www.google.com/search?q=Water+Sourcebook%3A+a+Series+of+Classroom+Activities+for+Grades+K-2&oq=Water+Sourcebook%3A+a+Series+of+Classroom+Activities+for+Grades+K-2&aqs=chrome..69i57.3716j0j4&sourceid=chrome&ie=UTF-8>

WETLANDS EDUCATION

Environmental Protection Agency (EPA)
www.epa.gov/wetlands/wetlands-education#cg

WHAT IS FLOODPLAINS BY DESIGN?

The Nature Conservancy
www.nature.org/photos-and-video/video/what-is-floodplains-by-design

WHAT IS A WATERSHED?

United States Department of Agriculture (USDA)
<https://nrcspad.sc.egov.usda.gov/distributioncenter/pdf.aspx?productID=112>

WHAT YOU CAN DO TO PREVENT NON-SOURCE POLLUTION

Environmental Protection Agency (EPA)
www.epa.gov/nps/nonpoint-source-what-you-can-do

WHEN IT RAINS IT DRAINS

What Everyone Should Know About Storm Water
Pennsylvania Department of Environmental Protection
www.dot.state.pa.us/public/Bureaus/BOMO/raindrainbrochure.pdf

WORLD WATER MONITORING DAY

Earthecho International
www.worldwatermonitoringday.org/about

WOW! WONDERS of WETLANDS

Environmental Concern
www.wetland.org/education_wow.htm