



Natural Resources Conservation Service (NRCS)

*Watershed Education
Conservation and
Environmental
Science Education Projects
Classes 6th - 12th*

*A teaching guide for teaching, monitoring
and learning on a watershed level*



NRCS Louisiana **Watershed Education**

Projects for Classes 6th – 12th

(A teaching guide for teaching, monitoring and learning on a watershed level))

This education package was developed for teachers and organizations to help teach and involve students and community members in watershed habitat, enhancement, protection, and monitoring and student education. It is our vision that this package will be used as an educational tool and as a guide for teachers and students to use when learning about a watershed.

Within this package you will find four sections.

Section 1

Section one consists of science projects that are an outline for a classroom environment. Each project lists the objectives, goals, time constraints, age group, tools needed and procedures. You will also find sections within each of the projects that detail preparation, discussion topics and questions to be use in the class or subsequent tests. Some of the projects are further subdivided for specific age groups or class levels. If you have any question about conducting these projects with your class or organization, please visit us on the web at www.la.nrcs.usda.gov.

Section 2

Section two is a multipurpose section. This section of the NRCS Watershed Education package is designed as forms, guides, surveys, instructions and tools to be used along with the projects outlined in section one of the package. Additionally, section two is designed as a outline for a continual monitoring program for schools, organizations and clubs to use for watershed education/ conservation and environmental studies. If you have any question about using this section in combination with the projects in section one, please visit us on the web at www.la.nrcs.usda.gov, or contact LA NRCS Public Affairs at 318.473.7762

(To be considered - There are numerous positive education aspects in starting a Watershed *Research and Monitoring Program*. A Watershed Research and Monitoring

Program will provide a way for students to observe changes to a watershed over time. It can also lead to group projects towards improving your watershed, which can be conceptualized through a Watershed Research and Monitoring Program. To learn more about a Watershed Research and Monitoring Program, please contact LA NRCS Public Affairs at 318.473.7762)

Section 3

Section three consists of vocabulary terms that should be used and learned when implementing the projects in sections one and two.

Section 4

References and contact information

Important!

- Before starting any project that involves chemicals, contact your local EPA office for information on the handling, disposal and guidelines that may restrict use. Also, students should have written permission from a parent or guardian to work with chemicals related to these projects.
- Before entering property owned by a private landowner, you must get written permission from that landowner to enter the property. If you are not sure who holds the title to the land, contact your local city or town officials for guidance. Within one watershed, there may be multiple landowners.
- During the process of conducting these projects, if your findings should produce interesting results, you can not explain your findings or need further explanation behind your findings, please feel free to contact any of your local NRCS Field Offices. To locate your local NRCS Field Office, visit us on the web at www.la.nrcs.usda.gov.

- During the process of conducting these projects, if you become privy to questionable activities or discover alarming results after completing a test, please contact any of your local federal and/or state agencies.

If you have any questions, concerns or want to discuss this package, or if you would like to schedule a speaker for your class, organization or group, please feel free to contact the Louisiana NRCS at 318.473.7762, or visit us on the web at www.la.nrcs.usda.gov.

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