

4-H
CURRICULUM
ENRICHMENT
HIGH SCHOOL



Dear Teacher/Curriculum Coordinator,

We realize school administrators and teachers are charged with awesome responsibility of educating young people in this fast moving and ever changing world. Texas 4-H, the youth development component of Texas Cooperative Extension, may be able to provide some assistance by making available resources from the Texas A&M University System and the United States Department of Agriculture. Texas 4-H offers a variety of curriculum enrichment programs which can be used to enhance subjects being taught in your school. The majority of materials have TEKS highlighted, for convenience, in support of TAKS.

Our intent is to simply enhance the educational experiences of youth through these curriculum enrichment programs. It is not our intent, nor is it within our capabilities, to provide assistance in every subject being taught. We simply want to extend to you and your staff, the 4-H curriculum, in an effort to support and collaborate with schools through school enrichment programs.

Harris County offers many curriculum enrichment programs developed within Harris County as well state based programs. Students involved are enrolled in 4-H as a Curriculum Enrichment project group, on a group enrollment form completed by the teacher or group leader and submitted to the county extension office.

Please take time to browse through this guide and brochure. Please, feel free to contact us if you have any questions or would like to set up a time when our staff could come visit more with you about our programs.

Looking forward to hearing from you.

Kelli Lehman
County Extension Agent— Urban Youth Development

Curriculum Enrichment Programs

What is Texas Cooperative Extension?

Extension is an educational organization provided by the U.S. government through Texas A&M University, and the Harris County government. Extension conducts programs in five program areas; **Horticulture, Family & Consumer Sciences, Agriculture, Marine and 4-H & Youth Development.**

What is 4-H?

4-H is a youth organization that encourages and promotes growth and development of young people through projects with the supervision and guidance of adult volunteer leaders and county Extension agents. The program is open to all youth in 3rd grade (age 9) through 18 years of age

Texas Friendly Ambassador

This curriculum is for 4-H groups and high school classes. It covers the same topics as the community version of the Texas Hospitality Program. Participants learn the importance of customer service, hospitality, and creating guest-friendly environments. They also learn workplace competencies and the importance of interpersonal skills. The material includes a trainer's guide, participant's guide, TEKS, and resources.

Publication Number: SP-269

Quality Counts

Abstract: This curriculum, targeted to 4-H and FFA members, teaches young people the importance of good character and ethical behavior in caring for and exhibiting animals. Many youth livestock projects enter the food supply, so quality assurance is the responsibility of these young people and the adults who work with them. The "Quality Counts" curriculum contains a wealth of lesson plans, teaching materials, handouts and images. PowerPoint images and handouts are also included on the companion CD.

Publication Number: 4-H CHE-1

Going To Work: Career Planning for Teens

This publication explains how teenagers can find and prepare for careers that fit their values, skills, personalities and interests.

Publication Number: L-2380

4-H County Government Guide: Promoting County Government Awareness in Youth

This 4-H curriculum teaches participants about the functions of county government offices in Texas. Topics include elected officials, finances, legal systems, elections and the making of laws.

Publication Number: PAE.320

Entomology for Master Gardeners

Abstract: This 2-CD set is an introduction to insect identification and management in and around the home. This set was developed for *Master Gardeners*, but can be used by teachers or anyone interested in the fascinating world of insects. Each CD runs independently (in Windows only) and contains seven learning modules.

Publication Number: SP-151

Hatching Eggs in the Classroom

Science projects involving eggs and embryos can lay the foundation for studies of the life sciences, introduce scientific methods and promote an appreciation for life. This manual is designed to aid classroom teachers in developing such projects and includes information on every step of the hatching process, from ordering the eggs to caring for the newly hatched chicks.

Publication Number: B-5084

Know Your Grasses

Grasses are one of Texas' most valuable natural resources. This publication will introduce you to the amazing variety of native and introduced grasses in Texas. Plants are arranged alphabetically by common name, with scientific names given for clarity and reference. Each grass is beautifully illustrated and carefully described, with information about the areas of the state in which it can be found. (100 pages, 100 illustrations, 1 map)

Publication Number: B-182

Aquatic Vegetation Identification Cards

Correct identification of aquatic vegetation is critical to its management. This palm-sized flip deck features photographs and line drawings of 56 aquatic plants commonly found in Texas. Nonnative plants, which can cause extensive ecological and economic damage, are identified. (120 pp., 56 color photos, 56 drawings)

Publication Number: B-6095

Empowering Teen Leaders

Empowering Teen Leaders will deal with human relations and self-discovery. Students develop peer helping skills, learn how to run meetings, practice efficient public speaking, interview skills, be involved in promotion and running of school events, and work on school and community relations.

ETL will:

- Help students realize the importance of self-esteem and use this knowledge to become effective leaders and helpers.
- Help students develop into good listeners and develop effective communication skills.
- Help student acquire basic organizational skills in planned events at the school and in the community.
- Help students become mentors who listen to and help with the growth and development of other students.

The lessons and handouts are available in a convenient CD-format. Cost of the program is \$25. **To order contact Annette Scott at 281.855.5622 or ascott@ag.tamu.edu.**

Cylinder Gardening

Texas Cooperative Extension - Harris County is proud to offer the Cylinder Gardening program to students in the Houston/Harris County area. Cylinder gardening is a method of gardening that uses bottomless cylinders as small individual gardens. It requires little preparation or experience. Once the cylinders are filled and planted, the only labor is minor maintenance, watering and harvesting. This 4-H program is designed to educate students on plant growth from seed planting to harvesting. By growing plants, children will gain a sense of pride, responsibility and determination.

Materials provided include a pre-test, a teacher's guide for six lessons, teacher references, study materials, games, post-test, directions for preparation of cylinders, and sources for seeds, fertilizer and synthetic soil. **For more information or to enroll visit <http://cylindergardening.tamu.edu>**

NEFE High School Financial Planning Program

The *NEFE High School Financial Planning Program*® (HSFPP) was initiated in 1984 as a public service to increase the financial literacy of America 's youth. The six-unit program provides teens with a greater understanding of and ability to manage their personal finances in the areas of goal setting, budgeting, and saving. The program uses unique games, simulations, case studies, and interactive exercises to provide hands-on experience for students to test and apply the financial principles and concepts being taught. There are three main purposes of the program:

- To learn the financial planning process - what it is and what it can do for students
- To give students the opportunity to apply the process through stimulating exercises and assignments provided in the program
- To take control of their finances - beginning now

The HSFPP is offered by the National Endowment for Financial Education® (NEFE®) in partnership with the United States Department of Agriculture-Cooperative State Research, Education, and Extension Service and participating Land-Grant University Cooperative Extension Services; and with the Credit Union National Association, Inc., and America 's Credit Unions.

The program is strictly noncommercial in content, and it does not promote financial or other products. An Instructor's Manual is provided for each teacher, and every student is given their own student guide with perforated portfolio pages - all **at no cost**.

For more information contact:

Elizabeth Trejo

County Extension Agent - Family & Consumer Sciences

Texas Cooperative Extension - Harris County

Phone: 281.855.5600

Email: ETrejo@ag.tamu.edu

Ag in the Classroom

Agriculture in the Classroom is an exciting program for Texas school children. Using Texas Farm Bureau's Food and Fiber for the 21st Century—the Texas Agriculture Resource Guide for grades 1-6—and other specially developed supplementary materials, teachers around the state guide students in exploring various facets of food and fiber production in Texas.

Because local county Farm Bureaus participate in providing Agriculture in the Classroom materials, the program helps school districts fulfill state mandates for community involvement. Working with teachers resource people can organize activities such as:

- Explaining local farming/ranching to students
- Providing animals, crops, or other samples for hands-on demonstrations
- Coordinating ag fairs (where feasible)
- Arranging ag-related tours (where feasible)
- Visiting areas museums which preserve and demonstrate our agricultural heritage
- Corresponding with students about what life on a modern day Texas farm/ranch is like
- County Farm Bureau members can bring positive community caring and involvement to your school.

Texas Farm Bureau has created an exciting interactive adventure called the Mobile Learning Barn. The Mobile Learning Barn creates a connection between people and agriculture, and the impact it has on our lives. The Mobile Learning Barn is a part of our TFB Agriculture in the Classroom program.

For more information contact:

Kristin Fuller, CFB Agriculture Program Coordinator
P.O. Box 7 ★ Conroe, TX 77305
713.446.8672 ★ kfuller@txfb.org

HOW TO ORDER CURRICULUM

To order the 4-H curriculum (**unless otherwise noted**), access the Texas Cooperative Extension Bookstore on the Internet at:

<http://tcebookstore.org>
and click on "Resources for Teachers."

To order on-line: You may order on-line with a VISA or MasterCard, using secure shopping cart technology.

To order by fax: Print out the order form and fax it with your credit card information to (979) 458-0172. A business or organization wishing to be billed should fax both the order form and a purchase order.

To order by mail: Print out the order form and mail it with your credit card information, check, money order or purchase order to:

Texas Cooperative Extension
P.O. Box 1209
Bryan, Texas 77806

To order by phone: Call (888) 900-2577. Have your credit card information ready.

If ordering via a purchase order, the FEI number for Texas Cooperative Extension is 74-6000537.

for more information contact:

Kelli Lehman

**County Extension Agent -
Urban Youth Development**

Texas Cooperative Extension - Harris County

3033 Bear Creek Dr. Houston, TX 77084

Phone: 281.855.5622 ★ **Fax:** 281.855.5638

Email: KLehman@ag.tamu.edu

Extension programs serve people of all ages regardless of socioeconomic level, race, color, sex, religion, disability, or national origin.

The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.

Printed: February 2007