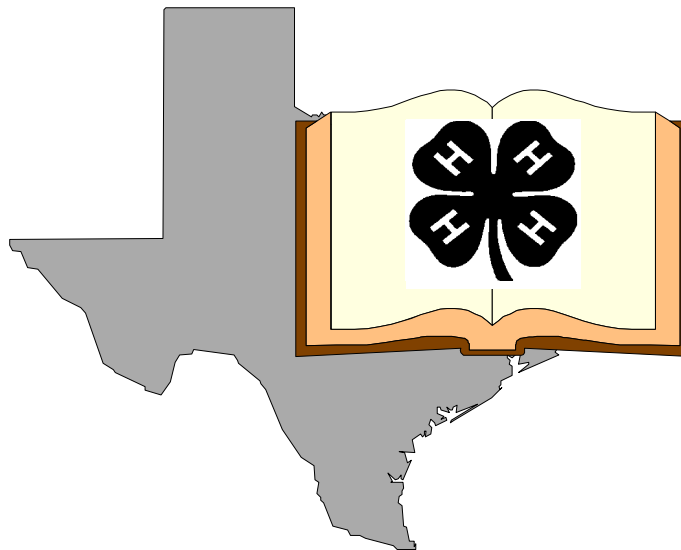


# Bexar County 4-H Youth Development

## Curriculum Enrichment Programs

*“ENHANCING EDUCATIONAL EXPERIENCES OF  
YOUTH THROUGH  
CURRICULUM ENRICHMENT PROGRAMS”*



**Texas Agricultural Extension Service**  
The Texas A&M University System

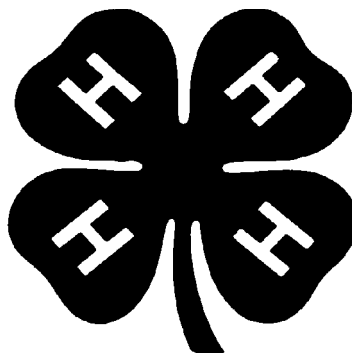
*January 2000*

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# **INTRODUCTION**

## **About This Curriculum Enrichment Guide**

We realize school teachers today are charged with the awesome responsibility of education young people in this fast moving and ever changing world. Texas 4-H, the youth development component of the Texas Agricultural Extension Service, may be able to provide some assistance by making available resources from 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 with subjects being taught in your school.

This curriculum enrichment guide has been developed as a reference for educators to use in coordinating learning experiences with various educational materials. 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, nor is it our intent to create additional work or projects for teachers.

Curriculum enrichment programs highlighted in this publication include only those programs that are supported on the state level with educational materials. Several counties may offer additional curriculum enrichment programs. These programs may have been developed locally or may be a continuation of programs supported by curriculum materials that is currently being revised at the state level.

Please take time to browse through this guide, and if you discover a program that you wish to use as part of your classroom activities, or would like more information contact your county Extension office.

## **4-H MISSION STATEMENT**

The Texas 4-H program develops youth and adults, utilizing research-based information in creative, diverse, hands-on educational environments. Texas 4-H maximizes each individual's potential through unique partnerships of youth, volunteers, university faculty, and community supporters, resulting in exciting and innovative experiences which produce citizens capable of leading us into tomorrow.

## **4-H VALUES**

We believe people are the single most important product of 4-H; therefore, we value the education and preparation of responsible, capable, productive citizens.

Furthermore, we value:

1. Opportunities to belong, participate and contribute to diverse types of families and communities;
2. Progressive life skills (such as communication, decision making, teamwork, and lifelong learning) through hands-on education in a nurturing environment;
3. Strong moral character and positive self-image through multi-generational, culturally diverse interactions; and
4. Programs designed to meet local needs through efforts of youth, volunteers, donors, professionals, and 4-H alumni.

We believe 4-H builds competent, caring and productive citizens capable of living in a dynamic, global society.

## **OUR VISION**

Texas 4-H... a dynamic, educational, youth focused organization leading our state in empowering all individuals, families and communities to unleash their potentials and create positive life-shaping experiences.

## How To Access 4-H Curriculum Materials

ALL CURRICULUM MUST BE CHECKED OUT THROUGH THE BEXAR COUNTY EXTENSION OFFICE

For Additional Information on any Curriculum listed in this guide contact the Bexar County Extension Office at:

3427 Northeast Parkway  
San Antonio, Texas 78218  
210-467-6575  
or  
210-467-6578

A \$10.00 deposit will be required to check out curriculum. \$5.00 will be returned when curriculum is returned and proper paperwork is completed.

Paperwork required: A Texas 4-H Member Group Enrollment Form must be completed after you have finished using the curriculum.





## Pet Achievement Program Grades 3-6

**Pet Achievement Program** is a series of 3 activity guides for youth: Pet 1 for beginning learners, Pet 2 for intermediate learners and Pet 3 for advanced learners. Each of these guides includes an achievement program to encourage youth to learn more about pets while developing important life skills. Through the activities in this guide youth learn about kinds of pets, costs to raise them, pet care and much more. Youth also learn about skills which they will be able to use through out their life such as:

- \* Making decisions
- \* Learning to learn
- \* Working and communicating with other people
- \* Taking risks
- \* Planning and organizing
- \* Being responsible

## Cat Projects 1,2,3 Grades 3-10

**Cat Project** is a series of 3 activity guides designed to encourage the development of life skills while youth learn about Cats. The activities promote active learning and interaction with other youth, adult helpers, family members, and the community. The series also includes Cat 4: Project Activity Guide, to be used by older youth, teachers and project leaders to involve groups in experiential activities related to the species. Each of the 13 activities is designed to involve the youth in practicing the targeted life skill while they have fun learning about Cats. Includes hints for better understanding the learning characteristics of each age group; ideas to help youth develop certain important life skills; answers to guides; a page of meeting topics; and a resource list.



## Cats - Small Animals Grades 3-7

**Cats** is a beginning level project designed as a one-time experience. This guide provides students with a basic understanding of selecting and raising a cat. Information is provided on how choosing, caring for, feeding, health and diseases, breeding a cat, housebreaking and teaching a cat good manners.

## Get Real! Get Active! - Activity Guide Grades K-4

**Get Real! Get Active! - Activity Guide** - Combines fun activities from the 4HCCS Animal Science “Skills for Life” Series with an award-winning video to create an exploring project for 4-H club members, a part of an after-school program, or to complement existing 4-H projects. Highlighted by tales of real youth succeeding at real things, this video is by, for and about youth. The youth activity guide is a collection of 20 fun and challenging learn-by-doing activities about theater arts, aerospace, diversity and dogs. The activities are linked to 20 video segments from the Get Real! award winning TV show developed by Wisconsin Public Television just for kids.

## 4-H Guinea Pig Grades 3-6

**4-H Guinea Pig** is a beginning level project designed as a one-time experience for 9- to 12-year-old students, and older youth having no experience with guinea pigs. This is an informative project about the history, breed selection, housing and equipment, feeding and watering care and management, disease and sanitation, and breeding of guinea pigs.

## Hamsters Grades 3-12

**Hamsters** is project which allows students to raise a project with minimal investment. Students will learn the principles of nutrition, care, grooming, and breeding of hamsters. This project is designed to teach students responsibility as well.

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## Best Friends Grades K-3 and Grades 4-6

**Best Friends** is an educational program that will help you talk to your students about dogs and about the students' responsibilities to their pets, to each other, to their families, and to their community. They include interesting activities that use basic reading, writing, oral presentation, art, science and mathematics.

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## Horse Project Activity Guides Grades 3-12

**Horse Project Activity Guides** are for boys and girls who may or may not have a horse or pony of their own. The important thing is that they want to learn about horses. If they don't have a horse, some of the activities may help them decide whether they really want to raise or learn more about horses. There are three horse project activity guides for youth: Horse 1 for beginners, Horse 2 for intermediate learners and Horse 3 for advanced learners. Each of these guides includes an achievement program to encourage youth to strive to learn more about horses while developing important life skills.

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## Horseless Horse Grades 3 - 12

**Horseless Horse** is a beginning level project. Because of its unique workbook design this resource may be used by advisors with groups of members, or at home on an individual study basis. Horseless horse members should have access to a horse to complete this project.



## Introduction to the 4-H Pet Project Grades K-6

**Introduction to the 4-H Pet Project** is designed with information and activities which will introduce youth to many kinds of pets, such as: dogs, cats, guinea pigs, gerbils hamsters, and birds. The information in this guide briefly discusses the handling, feeding, health care, and space required for all these different types of pets. Fish are also briefly discussed as pets. Activities are provided at the end of each section to review what has been learned.

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## Small Animals- Pocket Pets Grades K-6

**Pocket pets** is project for a young boy or girl without the facilities for large animals. This project allows youth to experience the joy of owning an animal with a minimum investment. Pocket pets is designed to teach youth about housing, feeding, handling, grooming health care, and breeding of mice, rats, and gerbils.

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# Animal Science

## Grades 4-12

Encourages the development of life skills while learning about animals. Each guide includes a separate achievement program and 14 activities to promote active learning and interaction with other youth, adult helpers, family members and the community.

### Beef

Bite Into Beef  
On the Moove  
Leading the Charge

### Poultry

Scratching the Surface  
Testing Your Wings  
Flocking Together

### Horse

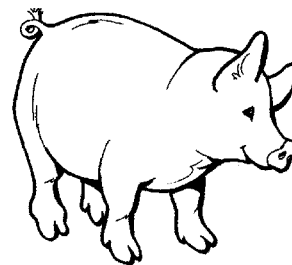
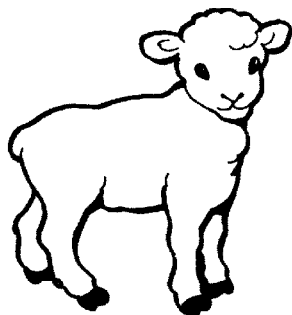
Horsing Around  
Gallop Ahead

### Sheep

Lambs, Rams and You  
Shear Delight  
Leading the Flock

### Goat

Getting Your Goat  
Steeping Out  
Showing the Way





## **Arts and Crafts Grades 3-12**

**Arts and Crafts** guides are available in several different books. Some books contain different ideas for crafts and some are designed for art work projects.

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## **Adventures With Your Camera - A Grades 3-5**

**Adventures With Your Camera - A** is designed to present the basics of photography in an informative, colorful and fun format. Includes information on getting to know your camera, saving and sharing photos, seeing the shot, and choosing good subjects. Also includes the latest in digital photography and digital file information. Each topic area(Adventure) covered in Adventures With Your Camera-A includes a list of goals to be accomplished, as well as life and job skills gained by participants that complete the Adventure.

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## **Adventures With Your Camera - B Grades 6-9**

**Adventures With Your Camera - B** is designed to present a more detailed overview of basic photography concepts with 52 pages of content. Topics covered include photography basics, picture composition, flashes and film, concepts of lighting, and focusing on careers. Also included the latest in digital photography and digital files. Each topic area(adventure) covered in Adventures With Your Camera-B includes a list of goals to be accomplished, as well as life and job skills gained by participants that complete the Adventure.

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## **4-H Photography Manuals Grades 5-12**



4-H Photography Manuals provides advanced lessons in photography skills, picture taking, equipment, handling and darkroom processing. This teaching tool is composed of two (2) sets of manuals, member manuals and skill guides. Each manual contains different areas of study.

**Member manuals-**

- Exploring Photography
- How to Produce a Slide Show
- Adventures With Adjustable Cameras, Revised Edition
- Darkroom Techniques
- ACTION! Making Videos and Movies

**Skill Guides-**

- Investigating Portraiture
  - Color Printing Techniques
  - Fitting A Darkroom Into Your Life
  - Making the Most of Your Photo Skills in Your Future Career...  
and Other Advanced Career Explorations
  - Solving the Mystery of Publicity Photos
  - Experimenting With Your Enlarger
-

## Photography - An Exciting Project! Grades 3-12

**Photography - An Exciting Project** guide consists of lessons containing basic information for beginning members, while other lessons have advanced information to members' skills and knowledge. As a leader, you determine which lesson will be taught and in which order. The guide provides guided leadership and ideas for photography projects. Each lesson plan includes handouts demonstrating the lessons and techniques used in the lesson. This guide includes the following lessons:

-Getting to Know Your Camera  
-Composition  
-Photo Story

-Basic Photographic Principles  
-Lighting  
-Photo Field Trip

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## Theatre Arts Adventures Grades K-12

**Theatre Arts Adventures** invites youth to imagine, refine and present creative ideas in a number of settings, including: mime, acting, movement, puppetry. *Journey in the Imagination* - grades K-2 and will introduce youth to acting, puppetry and stagecraft. *Soaring in Action* - grades 3-5 and provides more experience with theatre arts.

Quest for Expression  
Voyaging Beyond

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## Stars of Creative Arts Grades 5-12

**Stars of Creative Arts** is designed for two age groups: junior, 11-13 years, and senior, 14 and older. The book is comprised of eight categories of art media. Youth are encouraged to explore several media. Each section of this project handbook relates to one of the eight media categories. These categories are as follows:

\* Chalk-Carbon-Pigment  
\* Natural Items  
\* Glass-Metal

\* Leather  
\* Fiber-Fabric  
\* Wood-Plastic

\* Clay-Dough  
\* Paper

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## Woodworking Wonders Series Grades K-12

**4-H Skills for Life - Woodworking Wonders Series** is a series of four youth guides- *Measuring Up*, *Making the Cut*, *Nailing it Together* and *Finishing Up*. This series offers comprehensive information on everything from the basics of measuring to safely using advanced woodworking equipment, while improving technical literacy in participants.

*Measuring Up* (Level 1) is appropriate for youth with little or no prior woodworking experience. In each activity or series of related activities you'll find a description of the project and the life skill to be emphasized. The activities involve youth in practicing both a project skill and a life skill. Project skill relates to woodworking skills. Project skills include: measuring; cutting; drilling; sanding; using basic hand tools (hammer, screwdriver, hand saw, drill, squares, wood files, etc.); fastening nails and screws; safety practices when working with wood; and understanding lumber dimensions.

*Making the Cut* (Level 2) is designed for youth who may have used a hammer, hand saw, hand or cordless drill and other basic hand tools. Project skills covered include: measuring; cutting; drilling; sanding; using advanced hand tools and basic power tools; selecting an applicator; applying paints; fastening using bolts, staples and glue; grounding power tools; and exploring a wood science career.

*Nailing it Together* (Level 3) is designed for youth who are competent with hand tools and have used a few of the basic power tools such as power drill, drill press, jig saw and power sander. Woodworking skills that youth will practice include measuring angles, cutting dados and rabbets, drilling, applying a finish sanding, using power tools such as a table saw and a radial arm saw, applying stains, using hinges and brackets, making a dowel joint, enlarging a wood plan and investigating a wood science career.

*Finishing Up* (Level 4) designed for youth who feel competent with power tools such as a table saw, radial arm saw,

drill press and jig saw. The woodworking projects included in this guide include the use of these tools. Specific woodworking skills covered in this guide include developing a plan; using router, portable planer and jointer; making a blind mortise and tenon joint; making dovetail joints and conducting experiments with adhesives and various strippers.

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## 4-H County Government Guide Grades 9-12

**4-H County Government Guide** enables students to attain a broad knowledge of the origin, purpose and structure of county government in Texas. Additional topics include law enforcement, the judicial system, county finances, the election process, and specific facts about individual counties in Texas.



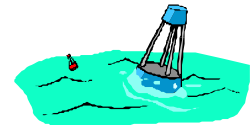
## The 3 R's of the Trash Story Grades 4-5

**The 3 R's of the Trash Story** is a series of 31 lessons through which students acquire an awareness of the problems associated with solid waste, their role in contributing to these problems, and gain a basic understanding of a four-pronged approach to solid waste management. Students also have the opportunity to prioritize options in solving the solid waste problem and are encouraged to identify and implement specific actions using the four-pronged approach to solve local solid waste problems.



## Give Water a Hand Grades 4-9

**Give Water a Hand** tells young people about water. It asks them, "Do you want to keep animals, birds and fish healthy? Do you want to be sure that water is safe to drink? Do you want to make sure there is plenty of water? Do you like to have fun with water? Do you care about water in your neighborhood?" This curriculum allows them to investigate water in their communities and see how their actions make a difference. It incorporates mapping exercises, community service project ideas, and numerous small projects.



## Are You Into It? Grades 4-6

**Are You Into It** is a campaign designed to motivate kids to become involved in issues in their communities and to volunteer. This campaign also encourages parents to explore volunteering options for their children to volunteer themselves. This publication contains a tape cassette and a video tape which contain success stories of volunteer programs and proud parents.

## Issues Investigation: Climate Change Grades 4-8

**The Issues Investigation: Climate Change** project focuses on science concepts applied to real life situations. Weather/climate for 4<sup>th</sup>- 5<sup>th</sup> grades and Greenhouse Gases for 6<sup>th</sup>- 8<sup>th</sup> grades youth have been chosen as the essential climate change topics. Folk tale themes are being used as a fun aspect. Using the Three Little Pigs theme, 4<sup>th</sup>- 5<sup>th</sup> grades youth will relate choices in housing to the possible changes in climate. The set of factors that has enabled the Earth to maintain conditions that are "just right" for life, while Venus is "too hot," and Mars is "too cold," has been humorously described as the "Goldilocks Effect." The 6<sup>th</sup>- 8<sup>th</sup> grades youth activities explore the climate factors which make the earth "just right" to maintain life and the effect climate change may have on these "just right" conditions." The issues investigations will include identification of climate change problems, players, positions, beliefs, and value.

## Public Adventures Grades 6-8

**Public Adventures** is a new citizenship curriculum designed to help youth contribute to the world around them and develop a life-long commitment to active citizenship.

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## Solid Waste and Our Environment Grades 3-6

**Solid Waste and Our Environment** is designed to provide students with an understanding of solid waste. This program is broken down into three sections:

- Section I: Solid Waste Concepts
- Section II: Solid Waste and Our Environment
- Section III: Solving Our Solid Waste Problems.

Section I provides a working understanding of the terms solid waste and sanitary landfill.

Section II demonstrates a working understanding of the term natural resource, and discusses renewable and non-renewable resources. This section also lists ways solid waste disposal contribute to air, land and water pollution.

Section III provides a working understanding of the terms reuse, reduce, and recycle and their benefits.

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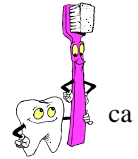
**Snackin' Healthy  
Grades K-2**

**Snackin' Healthy** combines basic nutrition education with simple food preparation and safety principles as students learn the importance of eating a healthy diet. The packet includes a teachers guide, master copies of student materials, and food cards that can be used with the game board that doubles as the folder for the curriculum materials.



**Toothfully Speaking  
Grades 3-5**

**Toothfully Speaking** is a series of six lessons through which students learn about their teeth, the uses of dental decay, fluoridation, and the role of the dentist.



**Resource Guide to Health Careers  
Grades 8-12**

**Resource Guide to Health Careers** profiles 16 health career clusters and 64 selected health careers. The curriculum guide also provides information on health related materials (video and print media) available for loan through a resource library. Information and annotations of other available resources are also included. Additional information on Health Career Associations, and personal inventory test instruments is included in the guide.



**Celebrating Life - An Innovative Nutrition Education Project  
Grade K-3**

**Celebrating Life** is an innovative program designed by and for limited-income families with young children. This project attempted to help families improve their self-esteem and motivation in connection with their family's health. This program can be incorporated into ongoing nutrition or health programs. "Celebrating Life" consists of seven units on self-esteem and related topics:

- |                             |               |               |
|-----------------------------|---------------|---------------|
| *Self-esteem                | *Affirmations | *Values       |
| *Rituals and Traditions     | *Body Image   | *Celebrations |
| *Creativity and Gift-Giving |               |               |

There is also a nutrition section that covers the latest Dietary Guidelines.

**Food, Fun and Fitness Project  
Grade 3-5**

**Food, Fun and Fitness Project** includes six lessons in basic food and nutrition designed for elementary grades. Each lesson includes: basic nutrition, simple food preparation activity, a leadership skills and fitness activity.

- Lessons include:
- |                                   |   |
|-----------------------------------|---|
| - High 5-basic food groups        | - Fast break for Breakfast and Snacks         |
| - Winning Choices (meal planning) | - Eating On The Go (fast foods/sugars)        |
| - Fitting It All Together         | - Be Safe-Not Sorry (kitchen and food safety) |



## 4-H Housing - Volunteer Teaching Guide Grades 7-12



**4-H Housing** project covers areas from element design to careers. The housing project not only helps youth with decision making and choices, but with being more aware of their surroundings and the resources available to them. The lessons strive to teach youth how to apply principles of design and function to make the home more attractive, convenient and comfortable with in the family's resources. Developing an awareness of community housing situations, opportunities and responsibilities is also an objective of the lessons in this program. This program also strives to teach different techniques in home improvement and use of management process to reach goals and solve problems based on values, needs and wants. Students develop an ability to identify, acquire, allocate and use available resources.

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## Nutrition in the Garden Grades 6-12

**Nutrition in the Garden** is designed to help teachers integrate nutrition education into a horticulture program. Ten lessons provide information and activities about plants and human nutrition. Each lesson has an objective and background information to increase the teacher's knowledge about the subject. The teacher can then decide the amount and level of information to deliver to students. The lessons conclude with at least three activities combining horticultural and nutritional concepts. The activities can be conducted with or without a garden.

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## Seymour Safety 4-H Eye Care Project Grades 3-5



**Texas 4-H Eye Care Project** is designed to assist young children in understanding how their eyes work and how to take care of them. This project guide provides activities and ideas which inform youth about their eyes.

---

## Cancer Concern Grades 6-12

The **Cancer Concern** program discusses three main areas of tobacco control which can be used together as an overview of tobacco control or presented as individual in-depth sessions. The topics are: Quitting and helping others quit smoking, Preventing kids from using tobacco and Stimulating advocacy and other community activities.

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## Fun with Friends Grades 5-6

**Fun with Friends** - are you ready to explore your body and learn how to keep it healthy? You'll have fun learning to keep fit, increasing your brain power, and expressing yourself in positive ways. This manual has six chapters each designed around one of the six wellness factors: Body Motion, Circle of Friends, Brain Power, Express Yourself, Dream On, and My World.

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## Discovering Myself Grades 3-4

**Discovering Myself** - are you ready to explore your body and learn how to keep it healthy? You'll have fun learning to keep fit, increasing your brain power, and expressing yourself in positive ways. This manual has six chapters each designed around one of the six wellness factors: Body Motion, Circle of Friends, Brain Power, Express Yourself, Dream On, and My World.

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# **PERSONAL DEVELOPMENT**



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## It's Up To Me

Grades K-2 & Grades 3-12

**It's Up To Me** is designed to enhance self-perceptions. By using the activities in these two guides students learn how to accept themselves and others. Additional lessons focus on communicating with others, making decisions, setting goals, solving problems, and getting along with others. These curriculum guides are divided into three age groups, K-2, 3-8, and 9-12. Activities are based on current research and keyed to the essential elements.



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## 4-H After School Series

Grades 1-6

Management Manual

Curriculum Manual 1

Curriculum Manual 2

On Your Own Manual

**4-H After School** is designed to provide with hands-on learning experiences. The series including a management manual, two curriculum guides and a self-care manual.

The curriculum manuals are arranged into 19 units that focus on a variety of themes.

The learning activities are non-competitive and provide opportunities for reflection and self-direction.



---

## Talking with T.J.

Grades 2-4

**Talking with T.J. (Teamwork)** is a program designed to prepare children to interact in a culturally diverse society. Using a creative mix of videos and hands-on activities, the program teaches teamwork skills of planning, cooperation and appreciation of differences. (The program is made available through collaborative efforts of the Hallmark Corporate Foundation; 4-H & Youth Development, Extension Service; USDA; National 4-H Council; Boys and Girls Clubs of America; and the Girl Scouts of America; and Girl Scouts of the USA.)

**Talking with T.J. (Conflict Resolution)** is a program designed and to resolve conflicts with peers without using violence. Through this program children learn important skills of managing anger and choosing alternatives to violence, respecting different points of view when trying to resolve a problem, and using friendly words, rather than fighting words, to communicate feelings and ideas. The series includes a Leader Guide, Conflict Resolution video tape, Power Phase posters, Trouble Shooters poster and fifteen copies each of "Talking with T.J." handouts for children to take home.



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## Consumer Critters

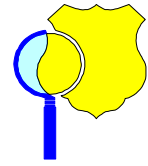
Grades 3-5

**Consumer Critters** has six colorful critters help teach "rookie consumers" the skills they will need throughout their lives to make the best use of their resources. The hands on lesson plans teach about need and wants; how the market place works; how we spend; share and save our money, about consumer rights and responsibilities; deciding what they want from a product and how to make environmentally wise decisions when they buy. The packet includes a training video on how to use the curriculum.



## **PACE-Setters**

### **Grades 4-5**



The **PACE-Setters** (Preventive Adolescent Crime Education) program is designed to be a crime-prevention curriculum that includes involvement by the school, the community and the individual student. The curriculum can be adapted to meet the needs of the teacher's schedule: it can be used as a comprehensive, sequential study or as stand-alone sections to support what is currently being taught in the classroom. Units include: vandalism, personal protection, home security, rural crime, understanding laws and fire safety.

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## **Me, Inc.**

### **Grades Pre-K-6**

**Me, Inc.** focuses on career awareness and workforce preparation skills. The curriculum consists of 149 lesson plans to help young people understand the career selection processes, explore work ethics and learn the importance of academic preparation in developing workforce competencies. **Me, Inc.** also includes a "how to" approach to building partnerships and collaborations. (280 pages in a loose leaf binder)

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## **Adventure Club**

### **Grades K-6**

**Adventure Club** is designed to provide before- and after- school programs for school age children. This curriculum helps to develop a child's self-confidence, social interaction skills with other children and adults, decision making skills and growth in subject matter knowledge and physical development. There are 17 different themes included in this curriculum, each can be taught individually in an organized sequence or spread through out the year.

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## **Child Development - Kids on the Grow!**

### **Grades K-12**

**Kids on the Grow** addresses the issue of how to help youth handle emergencies, develop home-alone skills, stay healthy and relate appropriately with others. Through youth and adult guides, wrapped around the newly designed American Red Cross baby-sitting curriculum, provide dozens of fun, interesting and challenging activities to help youth care for themselves, their families and their communities. Growing on My Own, Growing With Others, Growing In Communities and Growing All Together.

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## **Cloverbuds - A 4-H Discovery Program**

### **6 -8 years**

**Cloverbuds** is a curriculum designed for youth ages six to eight years old. Includes 49 lessons with 98 activity sheets, a 4-H member record, and a participation summary. This program guide discusses how to set up a program specialized for children and their learning skills. There are sections which focus on a child's needs and the different areas of development of the six to eight year old. This guide includes activity areas which include the following:

- |                     |                               |
|---------------------|-------------------------------|
| -Animal Science     | -Natural resources            |
| -Expressive arts    | -Personal growth& development |
| -Home economics     | -Plant and soil science       |
| -Mechanical Science | -Science and technology       |

Cloverbuds is an after-school program which is designed to build competency in school-age children by focusing on development of life skills: positive self esteem, social interaction, decision-making skills, subject-matter knowledge, and physical development.

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## Communications Made Easy Grades 6-12

**Communications Made Easy** gives practical instructions for presenting information by using different media. The book is divided into 15 chapters. Each chapter deals with different aspects of the media: newspaper, radio, television, public speaking, demonstrations and others. Each lesson provides ideas on how to review your audience and put together information for the type of media which you are dealing with. There are also chapters that provide ideas for younger audiences, such as skits and puppets. The book is good guide to dealing with the different types of media and audiences of different age ranges.

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## Empowering Teen Leaders Grades 6-12

**Empowering Teen Leaders Program** is designed to develop leadership in teens. The four main goals of this program are as follows:

- \* Enhance leadership and citizenship skills.
  - \* Increase knowledge of coalition building process.
  - \* Increase knowledge of legislative process.
  - \* Increase appreciation of youth by involving community leaders and elected officials.
- 

## 4-H Images 4-H Demonstration- Illustrated Talk Guide Grades 3-12

**4-H Demonstration-Illustrated Talk Guide** is to provide a variety of teaching plans and support material suitable to public speaking and leadership skills while promoting 4- members' personal growth. This guide focuses on the two methods used most often in the method demonstration and the illustrated talk. The 4-H Images guide consists of six (6) levels:

- I. Primary Presentations (The Beginner)
- II Promoting Presentations (How to Complement Project Work)
- II Polishing Presentations (Visuals) & (Methods)
- IV Productive Presentations (Competition) & (Topic Ideas)
- V. Praising Presentations (Judging)

Each level includes a leader letter, introduction and teaching plan. The leader letter is for the leader to read prior to teaching the group. It gives the level objectives and ideas for getting started.

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## Just For Me Preschool

**Just For Me** is teacher's manual and support materials designed to enhance the self-esteem and preschool skills of day care children. It may be used in any day care or preschool setting, but has been developed especially to help the abused or neglected preschooler attending day care programs. All of the children in your classes will enjoy the program and learn many fine arts and communication skills.

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## Looking At You Grades 3-12

**Looking At You** is a set of lessons designed to be used in helping young people develop skills which will allow them to be at ease in most social situations throughout their lives. These lessons are designed so that they may be used in no certain order. They can also be incorporated in a nutrition program of by themselves. The lessons which are included in this program are as follows:

- |                             |                              |                       |
|-----------------------------|------------------------------|-----------------------|
| * Communications            | * Making Introductions       | * Using the Telephone |
| * Making Decisions          | * Eating Out in a Restaurant | * Going to a Banquet  |
| * Eating Out in a Cafeteria | * Becoming a Leader          |                       |
| *Accepting Responsibilities |                              |                       |
-

## **Master Your Future Grades 6-12**

Master Your Future is a product developed by MasterCard, to provide students with a lifetime of good financial habits. This program consists of a 15-minute video, and a 12 page teacher's guide. The video uses teenagers to perform a day in the life of a group of high school students, involved in a money management class. The teacher's guide is designed to encourage discussion of the video's content. There are four financial aspects which are confronted by the video such as: budgeting, checking and savings, credit, and credit history.

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## **WOW! Wild Over Work! - Helper's Guide Grades K-6**

**Wild Over Work** focuses on work and its relationship to the participants, their communities, their world and their future, this curriculum helps volunteers and teachers introduce youth to skills and behaviors that will be needed in the workforce.

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## **Leading the Way: How To Build A Workforce Preparation Effort In Your Community Grades 12**

**Leading the Way** guides readers through the starting a of a workforce preparation program in their communities. Contains practical, hands-on tools such as checklists, sample agreements, sample applications and more.

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## **TAXI - Taking Anybody into Expanded Involvement Teens and Adults**

If you're being pulled in a dozen different directions as so many are, this is a vehicle to help you develop a system to develop individuals as volunteer program managers. There are nine different workbooks, training guides and assessment tools for different stages of volunteer system development.

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# SCIENCE AND TECHNOLOGY

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## Plant Pals Grades K-2

**Plant Pals** is designed to provide developmentally appropriate horticultural experiences for children. Activities are designed to increase social interaction and provide for a great degree of success and achievement. Youth will perceive themselves as responsible, nurturing and productive individuals. Through a variety of experiences, students learn to take advantage of their curiosity and excitement for learning by engaging them in hands-on horticultural experiences.



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## Blue Sky Below My Feet Grades 3-5

**Blue Sky Below My Feet** is an aerospace project that introduces students to the world of science and technology by using features from the space shuttle program as working models. Resources include a teacher guide and supporting videos featuring space shuttle astronauts discussing the forces, fibers, and foods associated with the space shuttle. These videos are available for purchase at an additional cost or for loan.

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## Early Dreamers Grade K-2

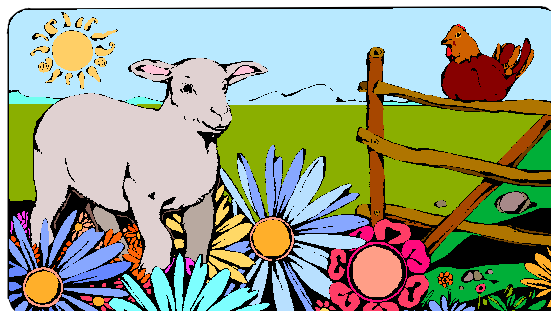
**Early Dreamers** is an aerospace project that introduces students to the world of science and technology. Resources include a teacher guide with detailed lesson plans and activities. Supporting video tapes illustrating the effects of gravity by using toys are available for loan or purchase.



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## Ag in the Classroom Grades 1-4

**Ag in the Classroom** teaches students about various facets of food and fiber production. It also teaches about the contribution of agriculture to the lifestyle of people throughout the world. The material is a Texas Agriculture Resource Guide sponsored by the Texas Farm Bureau. **Contact Helen Holdsworth at 467-6575**



## Food Safety Game

### Grades K-5

The **Food Safety game** is an interactive game focusing on the 4 C's of food safety - clean, cook, cool and cross contamination. Contact Helen Holdsworth to reserve the game at 467-6575.

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## Food, Land and People - Educating Texas Youth

### Grades K-12

**Food, Land and People (FLP)** is a high-quality, objective and easily integrated curriculum program that discusses the complexity and interdependence of agriculture, the environment and human connections. A teacher receives a FLP materials by attending a six hour FLP workshop. Contact Helen Holdsworth at 467-6575 for more information.

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## Africanized Honey Bees

### Grades K-4

**Africanized Honey Bees** is intended to educate children about honey bees, particularly about a new bee, the Africanized honey bee. Although its reputation as a “killer” is exaggerated, the Africanized honey bee does present a safety concern in those areas where it has become established. One of the four lessons teaches children “How to Avoid Problems with Africanized Bees”. Each of the plans contains background text and a teaching outline. Additional materials may be obtained for a minimal charge by calling: Bee Kits, News and Public Affairs; Department of Agriculture Communications at 409-845-2895.

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## Food & Fiber

### Grades 7-8

**Food & Fiber** emphasizes agriculture, the second largest commodity-based industry in Texas. It is important for students to understand how agriculture affects their lives. Through this series of lessons, students learn about the production cycles for 10 major commodities in Texas, the economic impact of agriculture on the Texas economy and the career opportunities associated with agriculture.



## Hatching in the Classroom (Egg to Chick)

### Grades 3-8

\$10 (\$5 refunded when returned cleaned)



**Egg to Chick** is a 21-25 day project which teaches youth the basics of embryological development. Materials are available which include lesson plans, film, incubator, thermometer. This program should be coordinated through your county Extension office.

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## Veterinary Assistant Handbook

### Grade 6-12

**Veterinary Assistant Handbook** provides 16 chapters of introductory information that students need to become a Veterinary Assistant. Topics include Animal Nutrition, Handling & Restraining Animals, Human & Animal Health, Infectious & Non-Infectious Diseases and many more.

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## Adventures in Aerospace Series Grade K - 12

**Adventures in Aerospace Series** is composed of six pieces. The first four activity guides have been designed to be developmentally appropriate for grades K-2, 3-5, 6-8, and 9-12 respectively but may be used by youth in any grade based on their aerospace skills and knowledge. The fifth and sixth pieces are for designed provide group activities in the classroom and in the community. The overall objective of the series is to help youth practice workforce preparation skills while they explore aerospace related subjects. Workforce preparation skills work to improve youths' ability to reason, think creatively, set goals, make decisions, take initiative, solve problems, evaluate progress, work effectively in diverse teams, teach others, lead and negotiate. Aerospace skills work to develop skills and knowledge in the areas of aviation, space, kites, hot air balloons, weather and aerospace careers.

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## Exploring the World of Plants & Soils Grade 3-12

Exploring the World of Plants & Soils is a series of four manuals which explore the world of plants and soils. These intermediate member's manuals can be used in sequence or individually. The series contains:

**Plant Reproduction** - This manual covers the basic concepts of plant reproduction, and includes information on the life cycles of plants, the anatomy of flowers and seeds, the methods of germinating seeds, plant crosses and various types of plant propagation.

**Soils** - This manual examines different types of soils and their roles in our environment. Erosion, water capacity, physical conditions of soil and much more are also covered.

**Plant Growth Factors** - Plant growth factors including climate, oxygen, atmospheric conditions, rooting media, plant competition, animal destruction and much more are covered in this informative manual.

**Growing & Using Plants** - Plant types, feeding and light requirements, transplantation, pruning, and exhibit tips are included in this handy volume.

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## Gardening Grades 3-12

**Gardening** consists of four grade level activity guides which include exciting activities in six major categories:

-Garden Planning  
-Garden Care

-Planting a Garden  
-Harvesting & Storage

-While You Wait  
-Careers

The activity guides are each designed for specific age groups as follows:

- Level A - See Them Sprout, grades 3-4
- Level B - Let's Get Growing, grades 5-6
- Level C - Take Your Pick, grades 7-9
- Level D - Growing profits, grades 10-12

The Helper's Guide offers activities, ideas and content to help leaders with their challenging and exciting role. The guide contains additional background information, easy to use reference tables, group activities and solutions to the questions posed in the youth manuals.

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## Horticulture Grades 3-12

**Horticulture** offers activities in indoor gardening, outdoor gardening, flower arranging, composting and basic plant science. While developing skills in horticulture, youth will be practicing valuable life skills such as communication, decision making and problem solving. There are even opportunities for leadership and community service through horticulture. Three levels of youth manuals and a leader guide are available. The three levels are:



Unit I - Budding Gardeners

Unit II - Branching Out

Unit III - Digging Deeper

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## The Lawnscape: A Natural Science Laboratory Grades 5-7

The Lawnscape: A Natural Science Laboratory is designed to provide horticultural and environmental learning experiences for students/young people ages eleven through thirteen. Natural science experiences can provide opportunities for intellectual, social, emotional, physical and personal growth. This series of lessons aims to increase the student's awareness of the world and the environment around him; to increase powers of observation; to improve vocabulary and math skills; and to learn new methods and techniques that may lead to a hobby or vocation.

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## Rockets Away! Grades 5-12

**Rockets Away**, is a beginning level project, designed to stimulate interest in math, engineering, aerospace, and physics through the exploration of rocketry science. This guide will serve as ready source of information dealing with the subject of rocketry, as well as provide directions for completing a variety of hands-on rocketry science experiments. Members are also encouraged to apply what they learned through the design, construction and launching of rockets.

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## Food Curriculum Grade 5-12

**Food Curriculum** describes how emotions affect food selection, how to alter a recipe to make it more nutritious, and much more. The four manuals cover the six major categories in balancing nutrition. Participants will learn proper food selection, purchasing, preparation, safety and preservation, as well as careers in food.

-Six Easy Bites - Ages 10-11  
-You're The Chef - Ages 14-16

-Tasty Tidbits - Ages 12-13  
-Foodworks - Ages 17-19

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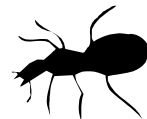
## The Youth Gardening Book Grades: Complete Guide for Teachers, Parents and Youth Leaders

**The Youth Gardening Book** is how to start a garden project for the youngsters they teach, live with, or work with. A good youth garden isn't just for learning the techniques of food-growing. It's also a place for mysteries and discoveries, for talking and singing, for making friends of plants, insects and fellow gardeners.

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## Entomology Grades 3-8

Three **entomology** activity guides invite youth to explore the fascinating world of and learn valuable life skills through hands on activities. Creepy Crawlies, What's Bugging You?, Dragons, Houses & other Flies.



## Small Engines Grades 4-12

**Small Engines** ranges from lawnmowers to snow blowers, personal water crafts, go carts, model airplanes, and ATV's these are just a few of the literally hundreds of machines around us powered by small engines. With over 60 fun activities, the "Start Your Engines: curriculum helps youth understand how small engines work, and how to keep them working. Crank It Up, Warm It Up and Tune It Up.

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## **Electric Excitement**

### **Grades K-12**

**Electric Excitement** is a series which allows youth to experience technology firsthand through a variety of electrifying exercises. In dozens of fun projects, participants learn practical information and improve their technical literacy. Major of Electricity, Investigating Electricity, Wired for Power and Entering Electronics.

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## **Soils and Composting**

### **Grades K-12**

**Soils and Composting** is an overhead presentation outlining soils and composting.

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## **Backyard Composting**

### **Grades K-12**

**Backyard Composting** isn't a book of ready-made projects; it is a guide designed to help you develop your own project. This 3 guides will give you tips for your project planning.

- Solid Waste Problems and Composting
  - Before Planning Your Project
  - Understanding the Communication System and Planning Your Project
- 

## **Backyard Composting Handbook**

### **Leaders Guide**

**Backyard Composting** at home reduces your personal volume of trash, conserves water, increases plant growth, replaces the need for harsh chemical fertilizers and pesticides and it is also fun.

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## **Texas Community Garden Resource Guide**

### **Grades K-12**

**Texas Community Garden Resource** guide is meant to be resource for individuals or organizations considering a neighborhood garden. It can both help individuals to decide whether to build a garden and how to maintain a garden.

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## **Backyard and Butterflies**

### **Grades 3-12**

**Backyard and Butterflies** curriculum includes ways for children with disabilities in outdoor activities. Gardening, Nature, Caring for Animals, Wheels, Swings & Slides, Backyards and lots more.

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## **4-H Teacher's Guide to Fire Prevention and Safety Grade 4-7**

**4-H Teacher's Guide to Fire Prevention and Safety** provides information on the prevention of fires and burns to help you teach awareness of the seriousness of home fires. This guide helps to develop fire escape routes and emergency plans for the family in case of a house fire. There are lessons on different types of fires and how to deal with each. There is also a lesson on the types of burns and causes of burns and how to treat them. This guide is designed for the normal classroom situation and gives you great latitude in the amount of material you may wish to cover in class lesson.

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## **Emergency 4-H First Aid Grade 5-12**

**Emergency 4-H First Aid** project is designed to help to be prepared in case of an emergency. The units contained in this project teach the correct actions to take in case of an emergency. The following units are explored in this manual:

- |           |  |
|-----------|--|
| Unit I.   | When an Emergency Happens  |
| Unit II.  | Wounds, Burns, and Bandaging   |
| Unit III. | Poisons, Bites, and Stings   |
| Unit IV.  | Choking, Vomiting, Fainting, and Seizures                                  |
| Unit V.   | Broken Bones, Sprains and Dislocations, Rescue and Movement of the Injured |
-



## Basic Archery Grades 3-12

**Basic Archery** is a beginning-level with little or no experience in archery. The purpose on this project is to introduce youth to the sport of archery. Through this introductory archery project youth will learn the basic rules of safety, proper equipment selection and care, and beginning shooting techniques. This project should be done with the approval of a parent or guardian and be supervised by a knowledgeable adult.



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## Safe Use of Guns Grades 3-7

**Safe Use of Guns** is beginning level project designed as a one (1) time experience. This project is designed to provide students with an understanding of firearm safety, ammunition, parts of a rifle, and shooting positions. This project also encourages students to take part in leadership/citizenship activities.

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## 4-H Shooting Sports Guide Grades 5-12

**4-H Shooting Sports Guide** is designed to teach youth safe and responsible use of firearms and archery equipment including sound decision making, self-discipline and concentration. This program provides student with knowledge of safety, background, equipment, handling, parts, and shooting in the following areas: archery, muzzleloading, pistol, rifle, and shotgun. The program also encourages participation in natural resources and related natural science programs by exposing participants to the content through shooting, hunting and related activities.



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## 4-H Shooting Sports For Volunteer 4-H Coaches Adults

**4-H Shooting Sports Teaching Guide for Volunteer 4-H Coaches** is designed provide volunteers with teaching tools and ideas for teaching youth about hunting, firearms and archery. This guide provides lessons in different areas of shooting sports which include: equipment, handling, and shooting techniques of the following areas rifle, shotgun, muzzleloading, and archery. Trap shooting and skeeting are also introduced to youth along with ideas to improve shooting skills.

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## Bicycle Grades 3-7

These guides cover bicycle selection and maintenance.





***Four interactive Wildlife and Fisheries modules are available on a limited basis at no cost.***

## **Wildlife Success Stories and Endangered Species Grade 3 Will be available in March 2000**

**Wildlife Success Stories and Endangered Species** is a multi-media module targeting third graders with information on wildlife species that have been recovered through management. The module also discusses endangered species, their status and recovery efforts. The module consists of a display, computer program, lesson activities and videos. Pre-test and post-test methodology is used to measure program impact.

## **Aquatic Science-Fish Culture Grade 3-7**

**Fish Culture** is a project designed to give any age youth a basic knowledge about raising a fish project. There are three levels in this guide which are: Level 1 - Aquarium Culture of Fish, Suggestions about Equipment, Level 2 - Bait Minnow Production, Level 3 - Channel Catfish Production. Level 1 provides the basic information about a fish aquarium project. This level teaches youth about equipment, care, and kinds of fish for an aquarium. Level 2 and level 3 are more advanced projects which require a large pond to complete the project.



## **Sport Fishing and Aquatic Resources Handbook Grade 3-7**

**Sport Fishing and Aquatic Resources Handbook** is an in depth guide to fish and fishing. This guide is composed of two sections: Section A- Fishing-The Sport, Section B - Fish-Understanding Their Biology and Habitat. Section A discusses the art of fishing, areas to fish, fishing safely, and how to be a good angler. Section B discusses water, pollution, what is a fish, and kinds of fish. There is also information on what fish eat, where they live, how they act, and fishing for a career. This handbook offers a lot of information about the sport of fishing and how to take care of our fishing resources.

## **Marine Education Grade 3-12**

**Marine Education** curriculum helps promote the understanding and wise use of our oceans and Great Lakes.



## **INTERNET RESOURCES FOR CURRICULUM AND INFORMATION**

**Bexar County 4-H Home Page:**

<http://agfacts.tamu.edu/D10/Bexar/4H/index.htm>

**Texas 4-H Home Page:**

<http://texas4-h.tamu.edu/>

**Texas Agricultural Extension Service Publications**

<http://agpublications.tamu.edu/pubs/>

**Me, Inc. Home Page:**

<http://agweb.tamu.edu/fistockton/4-h/trifold.htm/>

**Something's Fishy Home Page:**

<http://d-mitchell.tamu.edu/BH/SF.HTM/>

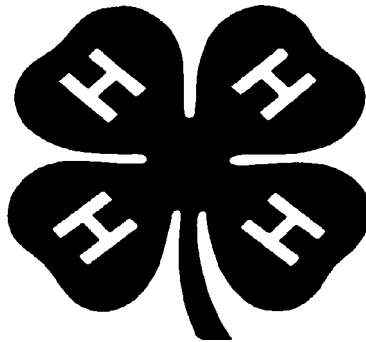
**Wildlife Success Stories Home Page:**

<http://agcomwww.tamu.edu/multimed/wildlife/>

**Whitetail Deer Curriculum Home Page:**

<http://d-mitchell.tamu.edu/BH/whiteboo.htm/>

## 4-H Pledge



### *4-H Pledge*

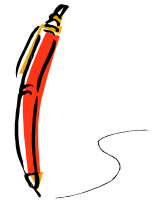
*In support of the 4-H Club Motto . . . .*

*"To Make the Best Better"*

*I pledge. . . .*

*My Head to Clearer thinking,  
My Heart to greater loyalty,  
My Hands to larger service and  
My Health to better living,  
For my club, my community,  
my country and my world.*

# NOTES



*Texas Agricultural Extension Service*  
**The Texas A&M University System**



*Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socioeconomic level, race, color, religion, handicap or national origin.*

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*Issued in furtherance of Cooperative Extension Work in Agriculture and Home Economics, Acts of Congress of May 8, 1914, as amended and June 30, 1914, in cooperation with the United States Department of Agriculture.*

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*Edward A. Hiler, Director, Texas Agricultural Extension Service,  
Chester P. Fehlis, Deputy Director,  
The Texas A&M University System.*