



4-H Clover Connection

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4-H is Linking Youth to Biotechnology

The Oklahoma 4-H program is offering an amazing experience for youth to learn more about biotechnology and then teach it to other youth.

Jeff Sallee, state 4-H assistant Extension program specialist, said 4-H is sponsoring biotechnology training for youth between the ages of 13 and 19. Individuals interested in the training must be age 13 as of Jan. 1, 2003.

“Oklahoma 4-H has partnered with the Samuel Roberts Noble Foundation to teach youth how biotechnology has played a major role in modern life,” Sallee said. “Youth will be trained extensively in the field of biotechnology and specifically the utilization of the ‘Fields of Genes: Making Sense of Biotechnology in Agriculture’ curriculum produced by the National 4-H Council.”

The training, funded by Cargill and National 4-H Council, will be held Feb. 21 through Feb. 23, 2003 at the Samuel Roberts Noble Foundation in Ardmore, Okla.

The training will give hands-on experience to youth to present the curriculum and will also expose them to a host of career opportunities.

Not only will the training help the participants understand biotechnology, but following the training, they will return to their respective counties and present the biotechnology curriculum to 4-H clubs and school science classes.

“Agriculture has made monumental strides in recent history through genetic engineering, cloning, isolating genes and more, and today’s youth are unaware how all

these advances enhance their daily lives,” he said. “From crop improvements to new medications, biotechnology has improved our lives and opened up a whole new world of career opportunities that most youth have never been exposed to.”

During the training, Noble Foundation researchers will talk about their role in biotechnology while presenting programs and hands-on activities. The Noble Foundation is a non-profit organization which conducts agricultural, forage biotechnology and plant biology research.

The training will also include sessions on the “Field of Genes” curriculum. The curriculum consists of activities that youth can perform to learn about biotechnology and teach it as well.

In order for the participants to complete their tasks after the training and teach lessons in biotechnology to other youth, they will need materials and teaching aids to assist them, Sallee said.

“An ‘equipment trunk’ will be available to the youth to compliment the curriculum,” he said. “The trunk will consist of a display board for the youth to use as a backdrop and all the equipment necessary to adequately present the ‘Fields of Genes’ curriculum.”

Five trunks will be available in the four district offices and state 4-H office to provide the participants easy access to the materials and equipment.

Youth who are interested in participating in this project need to contact their local county Extension office for an application. Applications are due to their county Extension office by Feb. 1, 2003. The training is limited to 30 participants, so youth need to apply today!

PQA Training Deadline: January 15, 2003

WE ARE ROLE MODEL

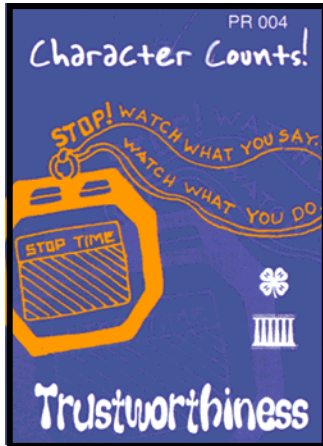
(W.A.R.M.)



TRUSTWORTHINESS

By: Todd Branson

Character Education News for Parents



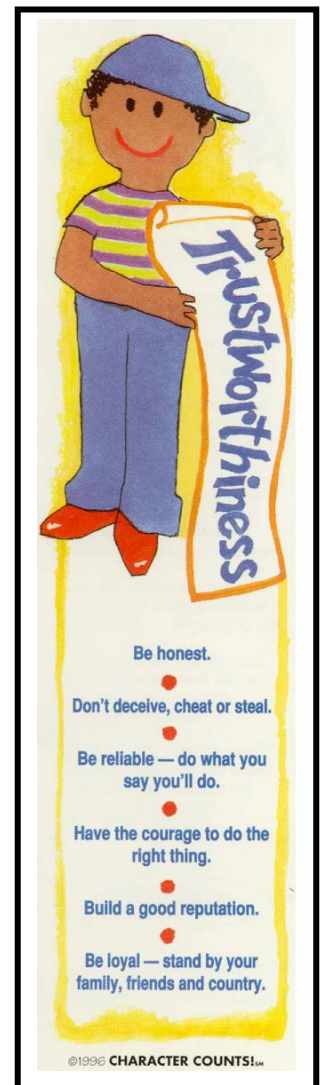
USE YOUR POLITICAL AND ECONOMIC POWER FOR THE COMMUNITY AND THE LESS FORTUNATE.

**LISTEN FOR “THE SOUND OF THE GENUINE” IN YOURSELF AND OTHERS.
YOU ARE IN CHARGE OF YOUR OWN ATTITUDE.**

REMEMBER YOUR ROOTS, YOUR HISTORY, AND THE FOREBEARS’ SHOULDERS ON WHICH YOU STAND.

FORMING FAMILIES IS SERIOUS BUSINESS.

BE HONEST.



Character Critters: Trustworthiness

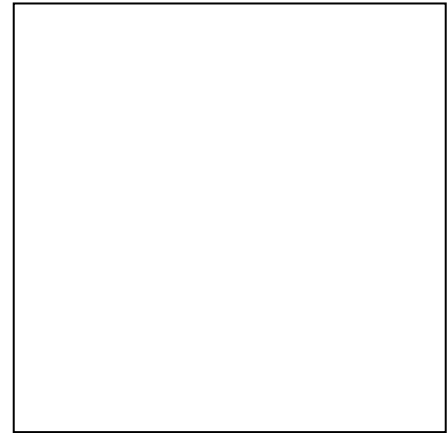
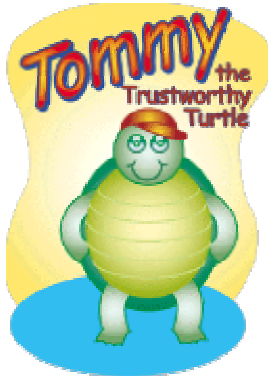
Child's Name: _____

Building trust takes time. Talk to your child about what he or she can do to build trust, like Tommy did in the story. Write down two things your child does to build trust. Also, your child can draw a picture or paste a photograph of him or herself beside the picture of Tommy the trustworthy turtle. Then you or your child can print your child's name in each sentence under your child's picture. Please have your child return this sheet to school.

Two things I do to build trust are

1) _____

2) _____



Tommy tells the truth.

_____ tells the truth.

Tommy follows the rules.

_____ follows the rules.

Tommy does not take things.

_____ does not take things.

For Teen Leaders: Take these activities to your local club meetings and show younger 4-H'ers how being trustworthy makes for a better club. Younger 4-H'ers need your help to learn about the 6 Pillars and Character Education

Letter from the Educator:

Dear Caddo Co. 4-H Family,

Christmas is right around the corner and that means busy schedules get even worse! Many of our 4-H programs are within the school system this time of year, so don't be afraid to ask your afterschool coordinator about helping or ask your principal's office to notify you when we come and visit! Anything that you can do to assist us this holiday season will be greatly appreciated.

On a sad note, many of you have heard that the ski trip for 2003 has been cancelled due to scheduling conflicts. This does not mean that we are not already planning for 2004! Please, if you are interested in the ski trip, let us know of dates you would be willing to go on this trip. This is a wonderful opportunity to meet other 4-H'ers in Oklahoma and the plans for 2004 is to include 4-H'ers in Colorado as an exchange. Not only will participants have the opportunity to meet other Oklahoma 4-H'ers, but we will also have the opportunity to meet 4-H'ers from another state!!

I hope everyone has a wonderful holiday season and if there is anything the Caddo County 4-H Extension Office can do to help your family or your school this season, please do not hesitate to contact us!

Sincerely,

Todd Branson
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News & Views

- Welcome to all our new readers. If there is something you would like to see in here, feel free to tell us!
- Caddo County Techies will be in full swing starting January 2003. If you signed up at the orientation or through the extension office, plan on meeting in January!
- Ski Trip for 2003 is cancelled. Plans are being made for 2004. Let us know what dates work best for you and your family!
- New Caddo County 4-H Ambassadors are Shara Lee, Jered Davidson, and Jerret Sanders. Congratulations!

MERRY CHRISTMAS
&
HAPPY NEW YEAR!!

December 2002 - January 2003

<u>Date</u>	<u>Description</u>	<u>Time</u>
Dec 6	4-H Display Unveiling Gallagher-Iba	6:30pm
Dec 7	District Share the Fun Lawton, OK	8:30am
Dec 10-11	Speech Contest Caddo Kiowa technology Center	9:00am
Dec 12	Caddo County 4-H Foundation	4:30pm
Dec 18	Caddo Co. Ambassador Training	5:00pm
Dec 25	Merry Christmas!!!	--
Jan 1	Happy New Year!!!	--
Jan 15	Deadline for PGA Training	
Jan 28-Feb14	Candy Sales	--
Jan 29	Jr. Share the Fun	3:30pm
Please Read: Other events may arise and scheduling may alter. For the most accurate information, please refer to: http://countyext.okstate.edu/caddo/youth		