

4-H Youth Development

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V(A). Planned Program (Summary)

1. Name of the Planned Program

4-H Youth Development

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
608	Community Resource Planning and Development	3%		0%	
806	Youth Development	97%		0%	
Total		100%		0%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	34.5	0.0	0.0	0.0
Actual	100.9	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c 2244353	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 2244353	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 7660000	1890 All Other	1862 All Other	1890 All Other
	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Create a pilot-tested, web-based project curriculum which will be widely used in county extension programs. This curriculum will be designed to introduce students to precision agriculture and geospatial technology.

Start precision agriculture and geospatial 4-H project clubs by training 4-H volunteers and teen leaders to utilize the new materials to start precision agriculture project clubs.

Incorporate the precision agriculture curriculum into the Oklahoma Ag in the Classroom program. This curriculum will cover geospatial technologies and agricultural topics such as GPS/GIS, robotics, remote sensing, and precision agriculture.

Recruit Volunteers interested and committed to the concept of developing strong Youth-Adult Partnerships for the benefit of serving the community.

Provide training and materials for initiating and maintaining teams of youth and adults committed to serving the community.

Train and graduate the first class of 4-H Volunteers.

Involve community leaders and other youth serving agencies as instructors/resources during the training process.

Conducted hundreds of animal, crop and environmental youth programs

Conducted hundreds of 4-H clubs and after school programs

2. Brief description of the target audience

Youth (grades 6-8) in 10 pilot counties will test new agricultural technology curriculum.

Youth and adult leaders in 16 counties will conduct environmental impact programming to other 4-H youth and the public.

Youth and adult 4-H mentors and/or other youth serving agencies, and teens, as well as volunteers recruited to work with underserved audiences.

All statewide youth

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	42	150	425	750
2007	35000	2000000	462230	6000000

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year Target

Plan: 0

2007: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Web-based pilot curriculum - lessons developed and tested

Year	Target	Actual
2007	10	10

Output #2

Output Measure

New Geospatial 4-H project clubs with an emphasis on precision agriculture

Year	Target	Actual
2007	0	12

Output #3

Output Measure

Youth-adult environmental education teams

Year	Target	Actual
2007	90	16

Output #4

Output Measure

Teams of youth and adults interested in and committed to developing strong youth-adult partnerships for serving the community

Year	Target	Actual
2007	42	21

Output #5

Output Measure

Groups subsequently assisted and trained by "graduating" classes of youth community leadership.

Year	Target	Actual
2007	0	0

V(G). State Defined Outcomes

O No.	Outcome Name
1	Participants interested in pursuing a career in geospatial and precision technologies fields
2	Number of well-water assessments conducted
3	Number of well owners beginning voluntary well water testing for bacteria
4	Number of youth/adults that continue volunteer well-water testing and other environmental monitoring past training
5	Number of community leadership action plans completed
6	Number of trained and "graduated" youth and adult volunteers still providing direction tho their communities in elected and/or volunteer roles
7	Number of people understanding Youth-Adult Partnership and Service Learning and Progressive Leadership Development
8	Number of 4-H Environmental Stewardship Teams

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Competing Programmatic Challenges

Populations changes (immigration,new cultural groupings,etc.)

Brief Explanation

The well testing program was discontinued and changed into a broader water quality team program due to unforeseen complications with well testing.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Time series (multiple points before and after program)

Comparisons between different groups of individuals or program participants experiencing different levels of program intensity.

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}