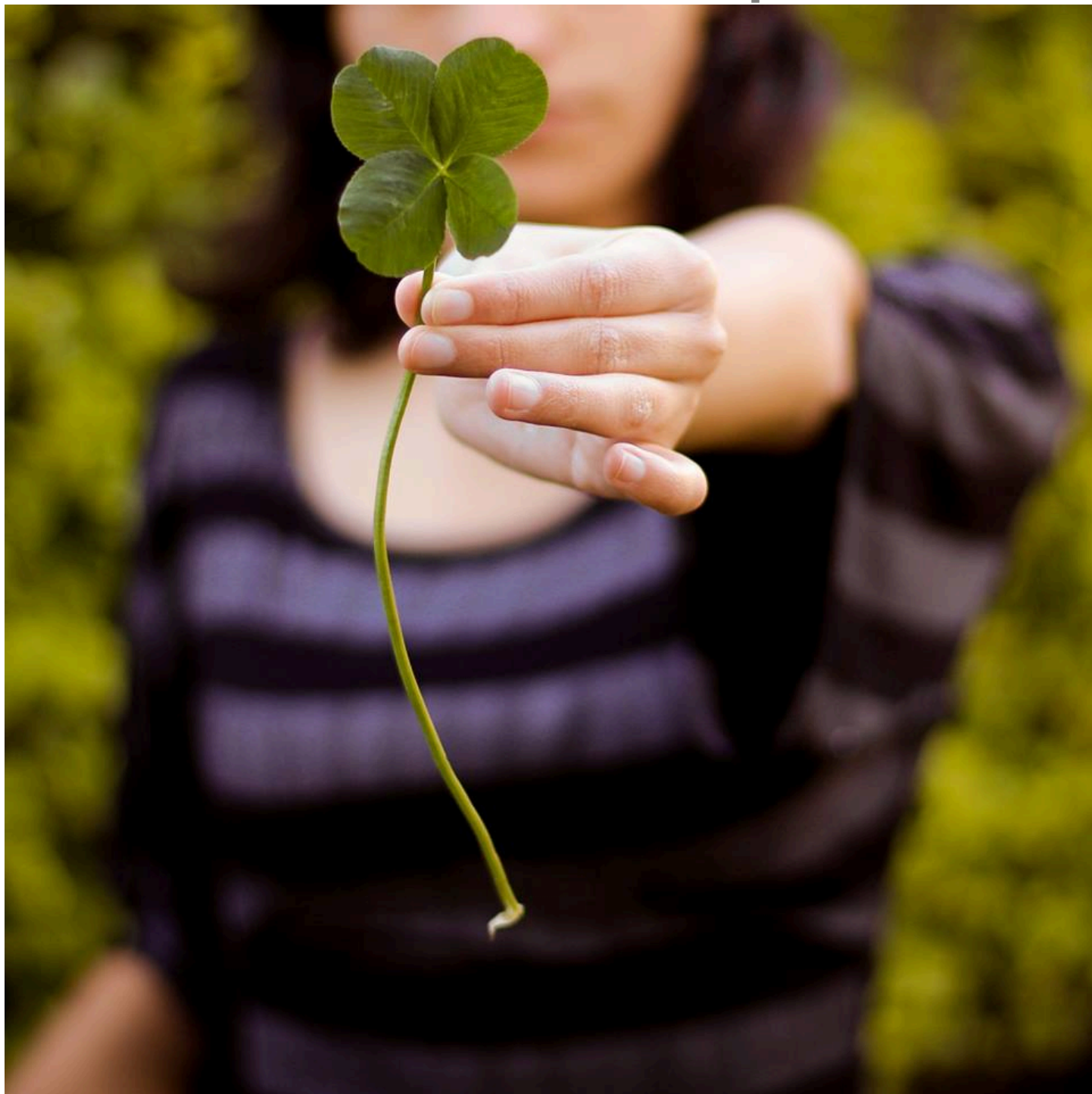


4-H YOUTH DEVELOPMENT

2013 Statistical Report



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



2013 Statistical Summary

Table of Contents

History	3
Who Participates in Ohio 4-H.....	4
Statewide Statistics	5
Enrollment of Youth 4-H Participants	5
Grades of Youth 4-H Participants	7
Residences of Youth 4-H Participants	7
Ethnicities of Youth 4-H Participants	7
Races of Youth 4-H Participants	8
Ohio 4-H Project List	10

Prepared by:

Tracy R. Grody

Program Coordinator, 4-H Youth Development

Phone: 614.247.8175

Email: grody.2@osu.edu

History

4-H began in Clark County, Ohio. On January 15, 1902, Mr. Albert Belmont Graham, the superintendent of the Springfield Township Schools at that time, organized a meeting with some thirty boys and girls in the county courthouse basement. The intent behind the meeting was to learn more about harvesting corn, planting a garden, testing soil samples, tying knots in rope and identifying natural wildlife such as weeds and insects. Eventually, the group came to be called the "Boy's and Girl's Agricultural Club" with their research continuing well into 1903. Prizes were given to recognize the efforts of all the members in executing projects based upon the previously mentioned areas.



Given the success of Graham's "out-of-school education program," the Ohio State University created a plan to aid in the club's research through the use of the Agricultural Experiment Station and the College of Agriculture. In time, the Ohio State University's influence helped to establish additional youth agricultural clubs throughout Ohio. By 1905, there were over 2,000 youth within sixteen counties partaking in similar programs to that of the "original" Agricultural Club. Proving extremely successful in his practices, Graham accepted the position as Superintendent of Extension for Ohio. Once in office, Graham set the following concepts, which form the basis for the Ohio Cooperative Extension Service:

- To elevate the standard of living in Ohio
- To emphasize the importance of hard work and habits of industry which are essential to building a strong character.
- To acquaint boys and girls with their environment and to interest them in making their own investigations;
- To give the boys who shall become interested in farm work an elementary knowledge of agriculture and farm practices and to give girls the essential facts of domestic economy;
- To educate adults in the elementary science of agriculture and in the most-up-to-date farm practices;
- To cultivate a taste for the beautiful in nature;
- To inspire young men and women to further their education in the science of agriculture or domestic science.

Becoming an 'ambassador' for agriculture through Extension, Graham sought "to raise the standard of rural life. He stressed the dignity of hard work and sound character, and he taught that agriculture could be improved by applying the ideas of science." In 1916, fourteen years after the first courthouse meeting, the Ohio 4-H organization officially began with the establishment of the Department of Boy's and Girl's Club Work.

With the roots for 4-H deeply rooted within Ohio, the 4-H program has since spread to all fifty U.S. States and internationally to more than eighty countries around the world. However, Ohio is proud of its early 4-H heritage and of the fact that the Ohio programs are one of the largest in existence today. 4-H is no longer only for members of the farming community, but extends into the suburbs and inner cities all over America. Membership is open to all youth between the ages of five and nineteen. Members are welcome, regardless of cultural, economic and social backgrounds. Therefore, even with the many changes in society today, Graham's basic aim for 4-H remains the same: "The development of youth as individuals and as responsible, productive members of the community in which they live."

Who Participates in Ohio 4-H

4-H is a non-formal educational, youth development program offered to individuals age 5 and in Kindergarten to 19.

There are lots of fun things youth can learn in 4-H and in a variety of ways. One can participate in 4-H through clubs, camps, your school, and short-term experiences. Youth can learn about animals, computers, public speaking, cooking, art, gardening and environmental sciences, just to name a few projects.

All 4-H programs focus on active involvement and quality experiences, which stimulate lifelong learning of values and skills.

YOUTH

In 2013, 218,287 youth participated in a number of different Clubs, Groups, and programs.

- **38%** Participated in organized clubs
- **27%** Participated in school enrichment programs
- **35%** Participated in special interest programs

VOLUNTEERS

20,047 adult volunteer leaders were actively involved in 4-H. A total of 4,867 youth volunteered their time for 4-H programs.

CAMPS

16,988 youth participated in 4-H Youth conducted camping programs.

ETHNICITY & RACE OF YOUTH

4,996 Hispanic or Latino youth were in the 2013 4-H program along with 170,427 non-Hispanic Ohio youth.

565 American Indian/Alaskan Native youth were in the 4-H program along with 2,001 Asian, 12,876

African American, 195 Native Hawaiian/Pacific Islander, 158,718 White, and 1,931 undetermined race youth.

RESIDENCE

4-H'ers live in many different areas of the state. The breakdown is as follows:

- **20%** Farm
- **44%** Town (>10,000 & rural)
- **21%** Town & Cities (10,000 – 50,000)
- **6%** Suburb (cities over 50,000)
- **9%** Central (cities over 50,000)

GENDER

54% of 4-H'ers in Ohio are female and 46% are male.

PROJECTS & PROGRAMS

A total of 305,745 4-H projects and programs were completed in 2013.

- **60% Science, Engineering, & Technology Projects**
[Consumer/Family Sciences, Biological Sciences, Technology/Engineering, Physical Sciences, Environmental/Earth Sciences, Ag in the Classroom, Animal, Plant Sciences]
- **34% Citizenship**
[Civic Engagement, Community/Volunteer Service, Leadership/ Personal Development, Communications/Expressive Arts]
- **7% Healthy Lifestyles**
[Foods/Nutrition, Health, Personal Safety]

Statewide Statistics

ENROLLMENT OF YOUTH 4-H PARTICIPANTS

Clubs/Programs	Total Youth
Organized 4-H Community Clubs	82853
In School Clubs	229
After School Clubs	498
Military 4-H Clubs	20
Total 4-H Club Membership	83600
Special Interest/Short-term Programs	58322
Overnight Camping	13247
Day Camping	3741
Total Youth Participating in 4-H Camping	16988
School Enrichment	58300
Individual Study/Mentoring/Family Learning Programs	125
After School Program 4-H Curricula	952
Instructional TV/Video/ Web Programs	0
Total 4-H Experiences	218287
Total Minus Duplicates	175423

4-H Youth Participants are defined as any youth taking part in programs provided as a result of action by extension personnel (professional. Paraprofessional. And volunteer). This includes youth participating in programs conducted through 1862, 1890, and 1994 land-grant universities, EFNEP, urban gardening, and other programs that may not actually use the 4-H name and emblem with participants.

A **4-H Club** is defined as an organized group of youth, led by an adult, with a planned program that is carried on throughout all or most of the year. 4-H clubs may meet in any location and typically have elected officers and a set of rules approved by the membership to govern the club, or for very young groups, other developmentally appropriate structures and operating processes. Includes the following:

- **Community clubs** typically meet in the evenings or on weekends and offer self-chosen multiple learning experiences and activities.
- **In-school clubs** meet during school hours, but have officers and planned activities beyond school enrichment.
- **4-H after-school clubs** are organized within after-school programs administered by Cooperative Extension staff or other organizations (i.e. other youth development organizations, housing authorities, faith-based groups.) They set the above definition of a 4-H Club and the young people and adult staff identify themselves as 4-H members and volunteers. They may have officers and elements of a club structure.
- **Military 4-H clubs** are organized by the Armed Forces, often on military installations, and principally for military dependents.

Special Interest/Short-term Programs Groups of youth meeting for a specific learning experience that involves direct teaching by extension staff or trained volunteers, including teachers. Program is not part of school curriculum and not restricted to members of 4-H clubs.

Overnight Camping Programs involve youth taking part in an Extension-planned educational experience of group living in the out-of-doors. Overnight camping includes being away from home at least one night (resident, primitive, or travel camping) and is not restricted to members of organized 4-H clubs.

Day Camping Programs involve youth taking part in an Extension-planned educational experience of group living in the out-of-doors. Day camping consists of multiple-day programs, with youth returning home each evening.

School Enrichment Programs involve groups of youth receiving a sequence of learning experiences in cooperation with school officials during school hours to support the school curriculum. Involves direct teaching by extension staff or trained volunteers, including teachers.

Individual Study/Mentoring/Family Learning Programs are planned learning that occurs independently of a formal group setting, such as a club, as an individual, paired, or family learning effort. Self directed, usually with limited adult involvement except for parents (or mentor). Examples include self-study, international host families, advanced placement courses, mentoring or shadowing with an "expert," whole families learning together.

After-School Educational Programs offered to youth outside of school hours, usually in a school or other community center. The after-school program must be supported by Extension by training the after-school staff, infusing 4-H curricula into the program, and/or other significant support such as conducting needs assessments, evaluations, and/or resource development. The primary purpose of the program is to provide care, developmental and educational experiences for children and youth while parents are working or unavailable. As general guidance, facilities or settings should operate approximately 3 days per week and two hours per day (e.g. six hours per week) for about five months of the academic year or three days per week for six hours per day (e.g. 18 hours per week) and/or for at least eight weeks in the summer. The children and youth in these programs should be enrolled as 4-H members in the county program, have the benefits of all 4-H programs and activities, and identify themselves as 4-H members.

Instructional TV/Video/ Web Programs are youth offered learning experiences through Extension via broadcast or closed circuit television, including satellite transmission, or videotape replays of such series. May also include instruction delivered by Internet.

GRADES OF YOUTH 4-H PARTICIPANTS

Kinder- garten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	
9,095	9,480	10,970	27,604	17,634	16,872	13,167	11,820	
8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	Post H.S. Ed.	Not in School	Special	Total
14,760	10,125	9,094	11,105	9,171	1,906	2,539	81	175,423

RESIDENCES OF YOUTH 4-H PARTICIPANTS

Farm	Town	Towns & Cities	Suburb	Central	Total
34,817	76,945	36,852	10,888	15,921	175,423

Farm includes all persons living in rural territory on places from which \$1,000 or more of agricultural products were sold, or normally would have been sold, in the reporting year.

Town includes persons who live in towns of under 10,000 population in rural non-farm and open country situations not reported as farm (by above farm definition).

Towns & Cities include participants who live within the immediately built-up areas surrounding such towns and cities, even though they might live somewhat beyond the immediate city limits, population 10,000 to 50,000.

Suburb reports the number of participants in the urbanized and contiguous suburbs and towns surrounding a city of over 50,000. This category conforms to the urbanized portion of metropolitan rings included in standard metropolitan statistical areas (SMSAs).

Central reports the participants living within the boundaries of metropolitan cities of over 50,000. The category includes twin cities of standard metropolitan statistical areas (SMSAs).

ETHNICITIES OF YOUTH 4-H PARTICIPANTS

ETHNICITY	Total Youth
Hispanic or Latino	4,996
Not Hispanic or Latino	170,427

Hispanic or Latino is defined as a person of Cuban, Mexican, Puerto Rican, Cuban, South or Central American, or other Spanish culture or origin, regardless of race.

RACES OF YOUTH 4-H PARTICIPANTS

RACE	Total Youth
American Indian or Alaskan Native	565
Asian	2,001
Black or African American	12,876
Native Hawaiian or other Pacific Islander	195
White	158,718
Youth Indicating More Than One Race	371
Undetermined	1,568

American Indian or Alaska Native is defined as a person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

Asian is defined as a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African-American is defined as a person having origins in any of the black racial groups of Africa.

Native Hawaiian or Other Pacific Islander is defined as a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

White is defined as a person having origins in any of the original peoples of Europe, the Middle East, or North Africa.



Ohio 4-H Project List

Project No.	Project Description	Total
		2089
91	Discovering 4-H	176
117B	Beef Breeding	2089
117BF	Beef Feeder	2705
117DF	Dairy Beef Feeder	3065
117M	Market Beef	2862
122	Dairy Heifer	1544
126	Dairy Cow	666
132	Llama	330
135D	Dairy Goats	1241
135F	Fiber Goats	41
135H	Harness Goats	102
135M	Market Goats	4747
135PA	Pack Goats	314
135PY	Pygmy Goats	1159
139	Market Hog	12094
140	Swine Breeding	682
151	Poultry Production: Raising Pullets	2262
152	Poultry Production: Raising Broilers	5845
153	Raising Fancy Poultry	2209
166	Raising Turkeys	2208
167GPM	Chick Quest	10789
168	Duck or Goose	1874
173	Horseless Horse	760
174	Beginning Horse Management	3881
175	Light Horse Selection	893
177	Horse Training	734
180	Learning to Jump	387
181	Draft Horse	223
762	Horse Nutrition	86
184	Standardbred Horses	67
185	Equine Reproduction and Genetics	260
188	Trail Riding	765

189	Dressage	243
198	Market Lamb	3582
199	Sheep Breeding	887
201D	You & Your Dog	1465
201O	Dog Obedience	1449
201P	Dog Performance	762
201S	Dog Showmanship	1176
201W	Working Dogs	132
215	Cavy	510
216	Purr-fect Pals, Level 1	440
217	Climbing Up, Level 2	101
218	Leaping Forward, Level 3	50
220	Pocket Pets	542
225	Breeding Rabbit	5117
226	Market Rabbit	5651
227	Pet Rabbit	1934
230	4-H PetPALS	193
244	Vet 1, Airedales to Zebra	531
245	Vet 2, All Systems Go	192
246	Vet 3, On the Cutting Edge	133
300	You're the Athlete	230
351	Staying Healthy	114
352	Keeping Fit	1261
353	First Aid in Action	570
357	Alcohol and Drug Abuse	182
358	The Truth About Tobacco	92
365	Self-Determined	1900
365.01	Astronomy	66
365.02	Model Railroading	59
365.03	Weather	23
365.04	Clowning	5
365.05	Rocks, Minerals & Fossils	52
365.06	American Sign Language	138
365.07	Computers	69
365.08	Family History Genetics	18
365.09	Canoeing	22
365.10	Local Foods	10
365.11	Camp Counseling	257

365.12	Digital Image Processing	46
365.13	Reptiles and Amphibians	188
365.14	Global Climate Change	5
365.16	Plants, Bacteria, and Fungi, Oh My!	14
365.17	Babysitting	175
365.18	Ways of Knowing Water	6
365.19	Workforce Preparation	17
365.21	Skateboarding	38
365.22	Pigeons	21
365.23	Native American Artifacts	30
370	One on One	170
371	4-H Club Teen Leadership	372
374	Teen Boardmanship	86
375	Leadership Road Trip: Where Are You Going?	108
376	Pantry Panic: An Adv-Level Food Community Minded Youth	92
377	Speak Out	53
378M	Leadership Master	72
379	Get in the Act! Take 1	44
380	Project Citizen, Level 1	58
381	Project Citizen, Level 2	25
406	Clothes for HS & College	110
407	Accessories for Teens	153
408	Creative Costumes	68
409	Sew Fun	1058
410	Fun with Clothes	323
411	Em bel ish: A 4-H Guide to Wearable Art	133
412	Sew for Others	216
413	Sundresses and Jumpers	411
415	Active Sportswear	99
417	Dress up Outfit	153
418	Loungewear	195
419	Tops For Tweens	227
420	Outer Layers	74
424	Clothing for Middle School	176
425	Look Great for Less	329
426	Clothing for Your Career	52
430	Shopping Savvy	242
431M	431M Clothing Master	12

432M	Sewing (non-clothing) Master	44
434	Growing on My Own	80
435	Growing with Others	36
436	Growing in Communities	36
441GPM	Real Money Real World	2282
442	Family History Treasure Hunt	322
445	Becoming Money Wise	394
446	Money Fundamentals	77
447	Money Moves	154
448	Teens on the Road	119
459	I Spy in the Kitchen	653
461	Let's Bake Quick Breads	324
462	Yeast Breads on the Rise	222
463	Sports Nutrition 2: Get Set!	95
467	You're The Chef	226
469	Global Gourmet	143
472	Grill Master	412
474	Beyond the Grill	109
475	Star Spangled Foods	252
476	Pathways to Culinary Success	102
477	Party Planner: A Guide to Quality Cooking	206
481	Food and Fitness For Fun	214
482	Food and Fitness Choices	90
483	Sports Nutrition 1	199
484	Snack Attack	585
485	Racing the Clock to Awesome Meals	170
486	Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices	92
487	Fast Break for Breakfast	197
488GPM	Team up for Good Nutrition	656
489GPM	Breads of the Harvest	1637
490	Science Fun with Dairy Foods	597
491	Adventures in Home Living	125
492	Cake Decorating	2188
494	Makeover My Space	388
495	First Home Away From Home	122
496	Collectibles	369
496GPM	Growing Together	55
497	Scrapbooking	2541

499	You Can Quilt	452
501GPM	Rockets Away	2556
501	Rockets Away 2 liter Bottle	855
502	Fun with Flight	179
503M	Solid-Fuel Rocketry Master	60
503	Rockets Away (Estes Type)	383
504	Electric Radio- Controlled Vehicles	64
509	Robotics 1: NeXT Technology	279
510	Robotics 2: NeXT Steps	66
512M	Robotics Master	25
511GPM	CARTEENS	1881
517	Bicycle for Fun Level 1	204
518	Wheels in Motion Level 2	97
527	Magic of Electricity	296
528	Investigating Electricity	107
529	Wired for Power	47
530	Entering Electronics	65
531	Science Fun with Electricity	66
540	Rope	619
541	Crank It Up	258
542	Warm It Up	94
543	Tune It Up	66
548	Lawn Care	79
551	Tractor 1: Starting Up	176
552	Tractor 2: Gearing Up for Safety	99
553	Tractor 3: Moving Out	46
554	Tractor 4: Learning More	44
556	Measuring Up	1219
557	Making the Cut	519
558	Nailing it Together	330
559	Finishing Up	166
560M	Woodworking Master	65
561	National Safe Tractor	25
573	Arcs & Sparks	758
584	Focus on Photo Level 1	2074
585	Controlling the Image Level 2	458
586	Mastering Photography Level 3	147
587	Writing & Reporting for Teens	83

588	Creative Writing	822
589M	Photography Master	76
592	Get Started in Art	1408
596	Play the Role	176
597	Become a Puppeteer	59
598	Set the Stage	65
603GPM	Weather Together	226
611	Let's Explore Outdoor I	404
613	Exploring Our Forests	610
614	Tree Planting	80
617	Exploring Ohio Ponds	81
620	Why Trees Matter	349
621	Ohio Birds	305
622	Trapping Muskrats in Ohio	90
623	Fishing for the Beginner	660
624	Fishing for Intermediate	265
625GPM	Fishy Science	113
630	Safe Use of Guns	1186
631	Basic Archery	1312
641	Basic Beekeeping	172
644	Explore Insect World I	268
645	Explore Insect World II	31
670	Canning and Freezing	205
671	How Does Your Garden Grow?	353
672GPM	Junior Master Gardener Level 1 Teacher/Leader	0
672	Junior Master Gardener Level 1 Handbook	12
691	Vegetable Garden I	1235
692	Growing with the Seasons	95
695GPM	Go Plants!	1865
710GPM	Ohio Cloverbud Program I	8864
711GPM	Ohio Cloverbud Program II	859
713GPM	Choose and Tell Cards	2
750	Rifle-SS	1287
751	Archery-SS	1206
752	Shotgun-SS	866
753	Pistol-SS	556
754	Hunting & Wildlife-SS	160
755	Muzzleloader Member Record Book	174

756	Living History	102
760GPM	Acres of Adventures 1	562
761GPM	Acres of Adventures 2	116
762	Horse Nutrition	377
	Other – Includes County Only Projects	4040



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Ohio 4-H Youth Development
Nationwide & Ohio Farm Bureau 4-H Center
2201 Fred Taylor Drive
Columbus, OH 43210-1156

Phone: 614.292.4444

Fax: 614.292.5937

Email: grody.2@osu.edu

www.ohio4h.org