Garrett County 4-H

Join the fun!

What is 4-H?
4-H is an educational organization for youth ages 5 thru 18. 4-H provides opportunities to develop life skills, technical skill development, club projects as well as other activities like camping, public speaking, travel, conferences and much more.

What is a 4-H Club?
A club is a group of five or more youth under the guidance of an adult leader. Clubs meet on a regular basis, have elected leadership positions and participate in business meetings. Clubs make group decisions and have community service opportunities.

When can I join 4-H?
- 
  4-H Clover: ages 5 - 7
- 
  4-H Member: ages 8 - 18

What is a 4-H project?
4-H empowers youth to reach their full potential, working and learning in partnership with caring adults. 4-H prepares young people to make a positive impact in their communities and the world. The 4-H’s (Head, Heart, Hands, and Health) are the four values members work on through fun and engaging programs.

  - Head - Managing, Thinking
  - Heart - Relating, Caring
  - Hands - Giving, Working
  - Health - Being, Living

How much does 4-H cost?
Participation fee is $10.00 per year for a 4-H member. (No fee for clovers or volunteers) There may also be a cost associated with project materials and activities that members choose to participate in.

Why join 4-H?
4-H is fun with friends. 4-H is learning and doing cool things. 4-H is meetings, camp, workshops, social activities, trips and fairs. 4-H is leadership opportunities and helping others. 4-H is responsibility and hard work and success.

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Order Form For Publications

Please complete this order form if you sign up for any cost ($) project materials or resources and return it with your payment to your 4-H Leader by February 1st. After February 1st, projects materials should be ordered online at 4H Mall website [http://www.4-hmall.org/Home.aspx](http://www.4-hmall.org/Home.aspx)

Name:_____________________________________________________________________

4-H Club:________________________________________________________________

Method of Payment: Check_______ Cash_______ Money Order_______

<table>
<thead>
<tr>
<th>Publication Number</th>
<th>Title of Publication</th>
<th>Quantity</th>
<th>Cost per Item</th>
<th>Total</th>
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Total for Publications
Where are the Garrett County 4-H clubs?

- Bear Creek
- Oak Hill
- Avilton
- Avilton Area
- Bittinger
- Bittinger
- Finzel
- Finzel
- Friendsville Fireflies
- Friendsville
- Snowy Creek
- Friendsville
- Grantsville
- Grantsville
- Hoppers
- McHenry
- Trailblazers
- Mt Lake Park
- Country Explorers
- Red House
- Red House
- Garrett Hoof Prints
- Swanton
- North Glade
- Swanton
- Woods & Water
- Swanton
- Maple Mountain
- White Church Area, Rt 560
- Ryan's Glade
- White Church Area, Rt 560

View a larger interactive map at http://extension.umd.edu/garrett-county/4-h-youth-development/4-h-clubs
New This Year!

Enrollment for 2015 year starts on January 1, 2015 with Maryland 4HONLINE

To enroll in Maryland 4HOnline, you need Internet access and a valid e-mail address.

New Families

- Contact 4-H Club Leader or Ann Sherrard, 4-H Youth Development Educator at our office at 301 334-6960 before enrolling to find out about all the great things our county 4-H Program has to offer.

Who Needs To Enroll Online?

- Every family should create a family profile. Then each youth and adult (University of Maryland Extension Certified Volunteer) needs to complete an individual profile for membership and to be able to register for events.

Year 2016 ~ it will be easier 😊

- This year you will have to enter all your enrollment data but in 2016, you will only need to review & activate your enrollment.

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Order Form For Publications

Please complete this order form if you sign up for any cost ($) project materials or resources and return it with your payment to your 4-H Leader by February 1st. After February 1st, projects materials should be ordered online at 4H Mall website http://www.4-hmall.org/Home.aspx

Name: ____________________________________________

4-H Club: __________________________________________

Method of Payment: Check_______ Cash_______ Money Order______

(Make check payable to Garrett County EAC)

<table>
<thead>
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Total for Publications
The following resources are available for use by 4-H Leader. Feel free to contact the office to use the resources for your group. For complete descriptions, go to the 4-HCCS Source Book. You may view and order your own copy online at http://www.n4hccs.org

- ButterFly WINGS (Grades 4-8)
- Exploring the Treasures of 4-H
- A Palette of Fun with Arts & Crafts (Grades K-6)
- Take Me Out to the Corn Field (Grades 1-8)
- Food, Culture & Reading (Grade 4-8)
- Health Rocks (Grades 3-8)
- Reading Makes Cents (Grades 3-5)
- Take A Stand
  - Curriculum (Grades 3-5)
  - Curriculum (Grades 6-8)
  - Curriculum (Grades 9-12)
- Afterschool Agriculture
  - Acres of Adventure 1
  - Acres of Adventure 2
- Science Discovery Series
  - Science Discovery 1
  - Science Discovery 2
- Ecology
  - Eco-Wonder
  - Eco-Adventures
  - Eco-Actions
  - Ecology Helper’s Guide
- Heads-On, Hands-On (The Power of Experiential Learning)

Clover Leaders
- Gifts of Gold Audio Tape
- Gifts of Gold in Motion VHS Tape
- Crazy About Corn CD
- Corn is Maize Book By Iliki
- Educational Activity Tubs

To Start the enrollment process: Go to https://maryland.4honline.com or https://md.4honline.com (notice there’s no “www” in that address).

1. Click “I need to set up a profile”. A drop down menu will appear. Select the county you want to join, then type in your valid family e-mail address. *E-mail addresses must be valid—it’s your account login as well as how you receive information.*
2. Confirm your e-mail address
3. Type in your parent/guardian/household’s last name. (This will be the name that appears on mailing labels—"The Johnson Family" for example.)
4. Create your password – must include letters and numbers/symbols with a minimum of 8 characters.
5. Click on “Create Login”
- This is the **Family Information** page. Fill in all your personal information correctly and completely. Bold fields with a red asterisk are required. Make sure that you choose your correspondence preference to either “Mail” or “Email”.
- Click on the “Continue” button at the bottom of the page.

### Family Information

#### Profile Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Email</td>
<td><a href="mailto:thomsenm@iastate.edu">thomsenm@iastate.edu</a></td>
</tr>
<tr>
<td>Last Name</td>
<td>Thomsen</td>
</tr>
<tr>
<td>Mailing Address</td>
<td>501 1 Avenue</td>
</tr>
<tr>
<td>City</td>
<td>Vinton</td>
</tr>
<tr>
<td>State</td>
<td>Iowa</td>
</tr>
<tr>
<td>Zip Code</td>
<td>52349</td>
</tr>
<tr>
<td>Primary Phone</td>
<td>319-472-4739</td>
</tr>
<tr>
<td>Phone</td>
<td>555-555-1234</td>
</tr>
<tr>
<td>Correspondence Preference</td>
<td>Email</td>
</tr>
<tr>
<td>4-H County</td>
<td>Benton</td>
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- Update member records with the same address [ ]

#### Password Management

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<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Current Password</td>
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<tr>
<td>New Password</td>
<td></td>
</tr>
<tr>
<td>Confirm New Password</td>
<td></td>
</tr>
</tbody>
</table>

- Update Password

- Continue >>

- You are now at the “Member List” page. In the drop down box under “Add a New Family Member”, select “youth” and click on “Add Member”.

### Member List

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Thomas Family</td>
<td><a href="mailto:thomsenm@iastate.edu">thomsenm@iastate.edu</a></td>
</tr>
<tr>
<td>4-H Family</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>501 1 Avenue</td>
</tr>
<tr>
<td>City</td>
<td>Vinton</td>
</tr>
<tr>
<td>State</td>
<td>Iowa</td>
</tr>
<tr>
<td>Zip Code</td>
<td>52349</td>
</tr>
<tr>
<td>Phone</td>
<td>319-472-4739</td>
</tr>
<tr>
<td>County</td>
<td>Benton</td>
</tr>
</tbody>
</table>

### 2015 4-H Project Guide

- **Cloverbud Program (0100)**
  - 0101 – Cloverbud Program Unit I (K-2) (M) $20.00
  - 0102 – Cloverbud Program Unit II (M) $25.00

- **Plant Pals (8845)**
  - 8845 – Plant Pals (M) $10.00

- **Kaleidoscope Celebrates Program (0300)**
  - 0301 – Kaleidoscope Overview (L) $1.00
  - 0302 – Kaleidoscope: Just Outside the Door (M) $3.00
  - 0303 – Kaleidoscope: Just Outside the Door (L) $3.00
  - 0304 – Family Celebrates From Around The World – Youth Sheets (L) $3.00
  - 0305 – Family Celebrates From Around The World (L) $5.00

- **Gifts of Gold Program (0500)**
  - 0401 – Seeds, Stalks & Science: Agricultural Awareness (M) $5.00
  - 0402 – Food, Family & Fun: Consumer Science (M) $5.00
  - 0403 – Harvest, Husks, & Harmony: Communication & Expressive Arts (M) $5.00
This is the “Youth Personal Information” screen. Fill in all information for this member correctly and completely. Bold fields with a red asterisk are required.

- If he/she has a different e-mail address than the family one entered at login, enter it in the top box.
- If his/her last name is different than the parent/guardian/household name, make that change on this page.
- For the “Years in 4-H”, enter “1” if this is the first year.
- If there are parents/guardians that do not live in the same residence as you, you may enter their mailing information under Secondary Household.
- Are you a volunteer? Mark “no” for youth, “yes” if you’re entering an adult volunteer record.
- Ethnicity – if you consider yourself/child to be a part of the Hispanic culture, mark “yes”.
- Choose your residence.
- Complete the Military Service of Family only if it applies.
- Select your child’s current grade in school.
- Text messaging: Enter a cell number, check the box if you are willing to receive text messages via 4HOnline and choose your provider from the list. Texts will be used for last minute meeting notices and other priority information, only from county staff, not auto-generated through the program.
- Be sure to enter an emergency contact name and at least one phone number. This should be someone other than a parent, if possible. Parents are always contacted first, but who should be called if the parents are not available?
- When you have completed this page, click “Continue.” This brings you to the Additional Information Page.

The focus of the clover-aged child’s cooperative learning is a non-competitive environment, which is appropriate for this age group. Each project area has three lesson sheets to offer many opportunities for learning activities and encourages positive attitudes towards learning. Each exercise is given an estimated time to assist in planning group activities. The integration of outside resources brings an added benefit to these materials.
## Additional Information Page

- **4H Maryland 4-H Behavioral Expectations & MD 4-H Disciplinary Policy & Procedures**
- **Photo/Media Release**
- **Animal Science Code of Ethics**

All fields are required. Select an option if there is a choice, or check the "I agree…" box.

- Digital Signatures
- Enter both the name of the parent/guardian and the youth. Both fields must be filled in before you can click the Continue button.
- By logging on with your user ID and password, you are indicating that you are the correct person to agree to the terms.
- When you have completed this page, click "Continue." This brings you to the Health Page.

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### Youth Personal Information

<table>
<thead>
<tr>
<th>Fields in BOLD are required. Please complete all other information that applies to you.</th>
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</thead>
<tbody>
<tr>
<td><strong>Profile Information</strong></td>
</tr>
</tbody>
</table>

- **Email**: tomossen@kstate.edu
- **First Name**: Michelle
- **Last Name**: Thomsen
- **Mailing Address**: 501 1 Avenue
- **City**: Vinton
- **State**: Iowa
- **Zip Code**: 52349
- **Birth Date**: 01/01/2000
- **Primary Phone**: 319-472-4739
- **Cell Phone**: 565-565-1234
- **Years in 4-H**: 0
- **Parent 1 First Name**: 
- **Parent 1 Last Name**: 
- **Parent 1 Cell Phone**: 565-565-1234
- **Parent 2 First Name**: 
- **Parent 2 Last Name**: 
- **Parent 2 Cell Phone**:

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### 2015 4-H Project Guide

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>5421</td>
<td>Level 2: Microwave Magic-Micro Magicians (M,R)</td>
<td>$5.00</td>
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<tr>
<td>5422</td>
<td>Level 3: Microwave Magic-Amazing Rays (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>5423</td>
<td>Level 4: Microwave Magic-Presto Meals (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>5424</td>
<td>Microwave Magic Helper's Guide (L)</td>
<td>$5.00</td>
</tr>
<tr>
<td>5424</td>
<td>Food, Culture and Reading Resource Handbook Grades 4-6 (M)</td>
<td>$15.00</td>
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### Health and Fitness (5700)

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<tr>
<td>5751</td>
<td>Level 1: First Aid in Action (M,R)</td>
<td>$5.00</td>
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<tr>
<td>5752</td>
<td>Level 2: Staying Healthy (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>5753</td>
<td>Level 3: Keeping Fit (M,R)</td>
<td>$5.00</td>
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<tr>
<td>5702</td>
<td>Level A: Discovering Myself (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>5703</td>
<td>Level B: Fun With Friends (M,R)</td>
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<tr>
<td>5704</td>
<td>Level C: Teen Talk (A) – Ages 14-16 (M,R)</td>
<td>$5.00</td>
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<tr>
<td>5704</td>
<td>Level C: Teen Talk (B) – Ages 17-18 (M,R) (Abstinence Approach)</td>
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<td>5705</td>
<td>Level D: Preparing for Future (M,R)</td>
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<tr>
<td>5706</td>
<td>Health Helper's Guide (L)</td>
<td>$5.00</td>
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<tr>
<td>5707</td>
<td>Exploring Your Body (M,R) (K-2)</td>
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### Citizenship (2000)

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<tr>
<td>3212</td>
<td>Citizen Public Adventures Kit</td>
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<td>3213</td>
<td>Citizenship Guide’s Handbook</td>
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### Fashion (2600)

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<tr>
<td>2601</td>
<td>Fashion Revue (R)</td>
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### Crafts & Hobbies (6500)

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<tr>
<td>6502</td>
<td>Craft/Hobby Project (R)</td>
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### Leadership (2100)

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<tr>
<td>2100</td>
<td>Junior Leadership (R)</td>
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<tr>
<td>2102</td>
<td>Leadership Skills I (Grades 3-5) (M,R)</td>
<td>$5.00</td>
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<tr>
<td>2103</td>
<td>Leadership Skills II (Grades 6-8) (M,R)</td>
<td>$5.00</td>
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<tr>
<td>2104</td>
<td>Leadership Skills III (Grades 9-12) (M,R)</td>
<td>$5.00</td>
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<td>2110</td>
<td>Leadership Mentor Guide 1 (Grades 3-5) (M,R)</td>
<td>$5.00</td>
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<tr>
<td>2111</td>
<td>Leadership Mentor Guide 2 (Grades 6-12) (M,R)</td>
<td>$5.00</td>
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### Photography (3000)

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<tbody>
<tr>
<td>3009</td>
<td>Photography 1: Focus on Photography (M,R)</td>
<td>$6.00</td>
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<tr>
<td>3010</td>
<td>Photography 2: Controlling the Image (M,R)</td>
<td>$6.00</td>
</tr>
<tr>
<td>3011</td>
<td>Photography 3: Mastering Photography (M,R)</td>
<td>$6.00</td>
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</table>
### Wildlife Management (7700)
- 7702 – Call Of The Wild (M,R) $6.50

### Gardening (8800)
- 8801 – See Them Sprout (3rd/4th Grade) (M,R) $5.00
- 8802 – Let’s Get Growing (5th/6th Grade) (M,R) $5.00
- 8803 – Take Your Pick (7th/8th Grade) (M,R) $5.00
- 8804 – Growing Profits (9th-12th Grade) (M,R) $5.00
- 8805 – Gardening Helper’s Guide (L) $5.00
- 8806 – Gardening Exhibit Guide $2.00

### Entrepreneurship (3600)
- 3601 – 4-H Learn to Earn (R) $ .00
- 3603 – Wild Over Work (M,R) $6.75
- 3612 – Be The E (M,R) $10.00
- 3613 – Be The E Helper’s Guide (L) $5.00
- 3614 – Workforce Readiness-Get in the Act! Take 1(M,R) $6.00
- 3615 – Workforce Readiness Helper’s Guide (L) $5.00

### Consumer Savvy (3800)
- 3801 – Level 1: The Consumer in Me (M,R) $5.00
- 3802 – Level 2: Consumer Wise (M,R) $5.00
- 3803 – Level 3: Consumer Roadman (M,R) $5.00
- 3804 – Consumer Savvy Helper's Guide (L) $5.00

### Child Development (5200)
- 5210 – Level 1: Growing On My Own (M,R) $5.00
- 5211 – Level 2: Growing with Others (M,R) $5.00
- 5212 – Level 3: Growing in Communities (M,R) $5.00
- 5213 – Child Development Helper's Guide (L) $5.00

### Financial (3500)
- 3609 – Level 1: Money Fun-damentals (Grades 7-9) $5.00
- 3610 – Level 2: Money Moves (Grades 9-12) $5.00
- 3611 – Financial Champions Helper's Guide (L) $5.00

### Foods (5600)
- 5401 – Level 1: Six Easy Bites (M,R) $5.00
- 5402 – Level 2: Tasty Tidbits (M,R) $5.00
- 5403 – Level 3: You’re The Chef (M,R) $5.00
- 5404 – Level 4: Food Works (M,R) $5.00
- 5412 – Foods Helper's Guide (L) $5.00
- 5420 – Level 1: Microwave Magic-Bag of Tricks (M,R) $5.00

### Health Form Page - Completion of this health form section is optional.

A health form is required for members & volunteers attending the following 4-H Events:
- Day Camps
- Overnight Residential Camps
- Overnight Trips
- Regional, State, & National Trips

The health form can be completed online or by paper copy. The paper form is available at [http://extension.umd.edu/4-h/youth-families/documents](http://extension.umd.edu/4-h/youth-families/documents).

If you should have questions or concerns regarding the health form, please contact our office at 301 334-6960.
The Clubs/Projects/Groups page is where you will select a 4-H club and projects for the current 4-H year. Select the correct club from the drop down menu and click on it. Be sure to click “Add Club”. If your child is a member of more than one club, add the next one the same way. Make sure that the main club has the green dot next to it. Click the “Continue” button.

The “Projects” tab.
Under “Select a Project” click on the drop down menu and select the first project for this youth. “Years in Project” – must have 1 for 1st year members. For returning members, the years are automatically updated. Click on “Add Project”. Refer to page 12-23 list of projects that are available. For each additional project that you want to add, repeat the steps above.
Once you have entered all your project(s), you need to click on “Continue”. Then, in the Groups tab, click on “Continue”. (Please do not select or add any group in this section. We are not using this feature yet.) Next, you will see now your invoice/payment information. Click to check the box at the bottom of the screen and then click on “Continue and Submit Enrollment”. You are done!

If there is another youth (or an adult leader) in your family enrolling in 4-H, you will need to repeat this process for them. There is an option for to “copy parent information from another youth record” drop box that will shorten the process some for the second (and beyond) youth.

Once your enrollment has been submitted, it is sent to your County Extension Office to be approved. If there are any problems with your enrollment – incorrect or missing information, etc. – you will get an e-mail with instructions for logging back in (with the same email/password you set up) and correcting those. If there are no problems, you will receive an e-mail stating that you have been accepted and will have access online to your enrollment to make any updates throughout the 4-H year.

Keep your login (family email address) and password handy so that you can log in to the program and update your records whenever you need to.

Next year, when it’s re-enrollment time, you’ll log in to the records you created this year, and simply “reactivate” any members or adult volunteers in your family—the family information only needs to be entered once—when your family begins your 4-H adventure!
4-H Project Resource Guide

Core Subject I - Animal Science

Companion & Small Animals

- Cats
- Rabbits
- Dogs
- Pets
- Poultry

Livestock

- Beef
- Horses & Ponies
- Dairy Cattle
- Sheep
- Dairy Goats
- Swine
- Meat Goats

Veterinary Science

Core Subject II - Environmental Sciences/Natural Resources

Aerospace

- 4601 – Rockets Away (M) $6.25
- 4602 – Level 1: Pre-Flight (M,R) $5.00
- 4603 – Level 2: Lift-Off (M,R) $5.00
- 4604 – Level 3: Reaching New Heights (M,R) $5.00
- 4606 – Level 4: Pilot In Command (M,R) $5.00
- 4605 – Aerospace Helper's Guide (L) $5.00
- 4608 – Rockets Away Helper's Guide (L) $9.50

ATV Safety

- 4350 – ATV Safety Leader’s Guide Revised $10.00

Bicycle

- 4101 – Best Bicyclist On Earth (M,R) $2.00
- 4102 – Bicycle Adventure I (M,R) $5.00
- 4103 – Bicycle Adventure II (M,R) $5.00
- 4104 – Bicycle Adventure III (M,R) $5.00
- 4105 – Bicycle Adventure - Helper's Guide $5.00
- 4106 – Bicycle Fix-It Video $11.00

Electricity

- 4201 – Level 1: Magic of Electricity (M,R) $5.00
- 4202 – Level 2: Investigating Electricity (M,R) $5.00
- 4203 – Level 3: Wired for Power (M,R) $5.00
- 4204 – Level 4: Entering Electronics (M,R) $5.00
- 4205 – Electricity Helper's Guide (L) $5.00

Core Subject III - Human Sciences

Entrepreneurship

- Fashion

Consumer Savvy

- Crafts & Hobbies

Child Development

- Leadership

Financial

- Photography

Foods

- Communication

Health & Fitness

- Sewing

Citizenship

- Theatre Arts

Other Projects

Learning the 4-H Way

Clover 4-H Projects

- Cloverbud
- Plant Pals
- Kaleidoscope
- Gifts of Gold

Group Projects (For Leaders Only)

2015 4-H Project Guide

Core Subject II - Environmental Sciences/Natural Resources

Aerospace (4600)

- 4601 – Rockets Away (M) $6.25
- 4602 – Level 1: Pre-Flight (M,R) $5.00
- 4603 – Level 2: Lift-Off (M,R) $5.00
- 4604 – Level 3: Reaching New Heights (M,R) $5.00
- 4606 – Level 4: Pilot In Command (M,R) $5.00
- 4605 – Aerospace Helper's Guide (L) $5.00
- 4608 – Rockets Away Helper's Guide (L) $9.50

ATV Safety (4399)

- 4350 – ATV Safety Leader’s Guide Revised $10.00

Bicycle (4100)

- 4101 – Best Bicyclist On Earth (M,R) $2.00
- 4102 – Bicycle Adventure I (M,R) $5.00
- 4103 – Bicycle Adventure II (M,R) $5.00
- 4104 – Bicycle Adventure III (M,R) $5.00
- 4105 – Bicycle Adventure - Helper's Guide $5.00
- 4106 – Bicycle Fix-It Video $11.00

Electricity (4200)

- 4201 – Level 1: Magic of Electricity (M,R) $5.00
- 4202 – Level 2: Investigating Electricity (M,R) $5.00
- 4203 – Level 3: Wired for Power (M,R) $5.00
- 4204 – Level 4: Entering Electronics (M,R) $5.00
- 4205 – Electricity Helper's Guide (L) $5.00

Geospatial (9500) (Exploring Spaces, Going Places CD) $15.00/CD

- 9501 – Level 1: Getting Out (M,R)
- 9502 – Level 2: On the Trail (M,R)
- 9503 – Level 3: Reaching Your Destination (M,R)
- 9504 – Geospatial Helper's Guide (L)

Resources:

4-H Bicycle Safe Driving Skill Rodeo Handbook
Email: agrnpublications@umd.edu Free
### Horses & Ponies (1400)

<table>
<thead>
<tr>
<th>Code</th>
<th>Project Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1401</td>
<td>Horse &amp; Horsemanship (M)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1402</td>
<td>Horse Science (M)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1405</td>
<td>The MD Horsemanship Standards</td>
<td>$0.00</td>
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</tbody>
</table>

Note: Available at [www.4hhorse.umd.edu](http://www.4hhorse.umd.edu)

Note: All horse project and horseless project members must pass levels 1 & 2 to show at state fair – consult with Extension Office.

<table>
<thead>
<tr>
<th>Code</th>
<th>Project Description</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>1429</td>
<td>Horse Leasing Program (R)</td>
<td>$0.00</td>
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<tr>
<td>1430</td>
<td>Level 1: Giddy Up and Go (M,R)</td>
<td>$5.00</td>
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<tr>
<td>1431</td>
<td>Level 2: Head, Heart &amp; Hooves (M,R)</td>
<td>$5.00</td>
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<tr>
<td>1432</td>
<td>Level 3: Stable Relationships (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1436</td>
<td>Level 4: Riding the Range (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1437</td>
<td>Level 5: Jumping to New Heights (M,R)</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

**Resources:**
- Horse & Pony Rule Book ([www.4hhorse.umd.edu/resources/index.html](http://www.4hhorse.umd.edu/resources/index.html))

### Sheep (1600)

<table>
<thead>
<tr>
<th>Code</th>
<th>Project Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>1601</td>
<td>Market Sheep (R)</td>
<td>$0.00</td>
</tr>
<tr>
<td>1602</td>
<td>Breeding Sheep (R)</td>
<td>$0.00</td>
</tr>
<tr>
<td>1604</td>
<td>Level 1: Lambs, Rams, &amp; You (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1605</td>
<td>Level 2: Shear Delight (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1606</td>
<td>Level 3: Leading The Flock (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1607</td>
<td>Sheep Helper's Guide (L)</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

**Resources:**
- Market Lamb Resource Handbook $15.00

### Swine (1800)

<table>
<thead>
<tr>
<th>Code</th>
<th>Project Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1801</td>
<td>Market Swine (R)</td>
<td>$0.00</td>
</tr>
<tr>
<td>1802</td>
<td>Breeding Swine (R)</td>
<td>$0.00</td>
</tr>
<tr>
<td>1803</td>
<td>Level 1: The Incredible Pig (M,R)</td>
<td>$5.00</td>
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<tr>
<td>1804</td>
<td>Level 2: Putting the Oink in Pig (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1805</td>
<td>Level 3: Going Whole Hog (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1806</td>
<td>Swine Helper's Guide (L)</td>
<td>$5.00</td>
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</tbody>
</table>

**Resources:**
- 4-H Market Hog Handbook $3.00
- Swine Resource Handbook $15.00

### Veterinary Science (1900)

<table>
<thead>
<tr>
<th>Code</th>
<th>Project Description</th>
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<tbody>
<tr>
<td>1901</td>
<td>Vet Science 1 From Airedales to Zebras (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1902</td>
<td>Vet Science 2 All Systems Go (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1903</td>
<td>Vet Science 3 On the Cutting Edge (M,R)</td>
<td>$5.00</td>
</tr>
<tr>
<td>1904</td>
<td>Vet Science Activity Helper’s Guide (L)</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

**Resources:**
- The Normal Animal $5.00

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**Project Selection Guide**

Youth develop life skills while having fun through learning in a selected project from three core subject areas:
- Core I - Animal Sciences
- Core II - Environmental Sciences
- Core III - Human Sciences

Each project level can be completed over a three-year period or at the learning pace of the 4-Her. The manuals for the project levels are self-directed and investigative, providing opportunities for families to participate in cooperative learning activities to complete the booklets. Level one is for youth beginning in the project and may be juniors (8-10 years), level two is for intermediates (11-13 years) and level three is for the advanced youth, seniors (14-18 years).

Maryland 4-H brings the University of Maryland into the lives of children and families in their own communities. Through volunteer-directed educational programs, 4-Hers:
- Practice decision making
- Acquire knowledge
- Accept responsibility
- Develop creative thinking
- Communicate
- Understand themselves
- Get along with others

**Key For Codes**

- M Member’s Manual
- L Helper’s Manual
- R Record Sheet

The cost of manuals are listed but may change throughout the year.
Core Subject 1 - Animal Science

Companion & Small Animals

**Cats (1702)**
- 1707 – Level 1: Purr-fect Pals (M,R) $5.00
- 1708 – Level 2: Climbing Up (M,R) $5.00
- 1709 – Level 3: Leaping Forward (M,R) $5.00
- 1710 – Cat Helper's Guide (L) $5.00

**Dogs (1300)**
- 1307 – Level 1: Wiggles & Wags (M,R) $5.00
- 1308 – Level 2: Canine Connection (M,R) $5.00
- 1309 – Level 3: Leading the Pack (M,R) $5.00
- 1310 – Dog Helper's Guide (L) $5.00

**Poultry (1500)**
- 1501 – Broiler (Meat Bird) (R) $0.00
- 1505 – Level 1: Scratching The Surface (M,R) $5.00
- 1506 – Level 2: Testing Your Wings (M,R) $5.00
- 1507 – Level 3: Flocking Together (M,R) $5.00
- 1508 – Poultry Helper's Guide $5.00
- 1509 – Poultry Judging Manual – Download from Nebraska Web: http://www.ianrupub.unl.edu/ $0.00
- 1510 – Embryology: Unit I Hatching Classroom Fun (L) $8.00
- 1511 – Embryology: Unit II Experiments in Poultry (L) $8.00

**Rabbits (1701)**
- 1704 – Level 1: What's Hoppening (M,R) $5.00
- 1705 – Level 2: Making Tracks (M,R) $5.00
- 1706 – Level 3: All Ears (M,R) $5.00
- 1711 – Rabbit Helper's Guide (L) $5.00
- Resources:
  - 1716 – Rabbits, Rabbits, Rabbits Handbook $5.00

**Pets (1700)**
- 1712 – Level 1: Pet Pals (M,R) $5.00
- 1713 – Level 2: Scurrying Ahead (M,R) $5.00
- 1714 – Level 3: Scaling The Heights (M,R) $5.00
- 1715 – Small Pets Helper's Guide (L) $5.00

Livestock

**Beef (1000)**
- 1001 – Market Beef (R) $0.00
- 1002 – Beef Breeding (R) $0.00
- 1003 – Dairy Steer Project (R) $0.00
- 1004 – Level 1: Bite Into Beef (M, R) $5.00
- 1005 – Level 2: Here's The Beef (M, R) $5.00
- 1006 – Level 3: Leading The Charge (M, R) $5.00
- 1007 – Beef Helper's Guide (L) $5.00
- Resources:
  - Beef Resource Handbook $15.00

**Dairy Cattle (1100)**
- 1101 – Dairy Calf (R) $0.00
- 1102 – Maryland 4-H Dairy Cattle Leasing Program (R) $0.00
- 1103 – Dairy Cow (R) $0.00
- 1104 – Level 1: Cowabunga (M,R) $5.00
- 1105 – Level 2: Mooving Ahead (M,R) $5.00
- 1106 – Level 3: Rising to the Top (M,R) $5.00
- 1107 – Dairy Helper's Guide (L) $5.00
- Resources:
  - Holstein Foundation’s Dairy Judging Workbook – Download from Web: Holstein Foundation $0.00
  - Learning About Dairy – A Resource Guide for 4-H Dairy Project $5.00
  - Dairy Resource Handbook $15.00

**Dairy Goat (1200)**
- 1201 – Dairy Goat (R) $0.00
- 1202 – Dairy Goat Performance Levels $0.00
- 1203 – Dairy Goat Leasing (R) $0.00
- 1204 – Level 1: Getting Your Goat (M,R) $5.00
- 1205 – Level 2: Stepping Out (M,R) $5.00
- 1206 – Level 3: Showing The Way (M,R) $5.00
- 1207 – Goat Helper's Guide (L) $5.00

**Meat Goat (1250)**
- 1250 – Market Goat (R) $0.00
- 1251 – Level 1: Just Browsing (M,R) $5.00
- 1252 – Level 2: Get Growing with Meat Goats (M,R) $5.00
- 1253 – Level 3: Meating the Future (M,R) $5.00
- 1254 – Meat Goat Helper's Guide (L) $5.00
- 1256 – Goat Breeding (R) $0.00