

**PREMIUM LIST**

**NEW YORK STATE FAIR**

**YOUTH DEPARTMENT  
YOUTH BUILDING EXHIBITS**

*“4-H TAKES YOU PLACES”*

**AUGUST 27 thru SEPTEMBER 7, 2009**

**SYRACUSE, NY**

Department of Agriculture and Markets

David Paterson, Governor

Patrick M. Hooker, Commissioner

Daniel O'Hara, Fair Director

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**NEW YORK STATE FAIR  
YOUTH DEPARTMENTS 50  
YOUTH BUILDING EXHIBITS**

***"4-H TAKES YOU PLACES"***

Thomas A. Dumas 4-H Program Coordinators  
AND  
JoAnne Baldini – 4-H Youth Development Program Specialist

**PURPOSE OF 4-H INVOLVEMENT AT STATE FAIR**

4-H is the youth education component of Cornell Cooperative Extension representing a partnership between the Cornell Colleges of Agriculture & Life Sciences, Human Ecology and County Cornell Cooperative Extension Associations.

The emphasis for Cornell Cooperative Extension's 4-H Youth Development involvement at State Fair is to provide youth 8 – 19 years of age with opportunities to:

- Be recognized for their accomplishments: display what they have learned; enhance individual learning and skill development; learn and recognize standards for quality project work; apply research-based subject matter to everyday life experiences, and receive recognition for a job well done.
- Serve as a showcase for the public to observe a wide variety of 4-H projects in action.
- Present an accurate, contemporary image of 4-H as a relevant, year-round non-formal educational program for youth all backgrounds and interests.
- Attract youth and adults to become involved in the 4-H program.
- Educate the public about selected subject matter and issues, particularly those related to the expertise of Cornell University and the 4-H Youth Development program.
- Provide opportunity for volunteers to develop and demonstrate their leadership abilities through the planning and conducting the Fair.
- Provide FREE family fun.
- Promote public awareness of the 4-H program through a showcase of 4-H Youth in Action, as well as Exhibits of 4-H projects work.

4-H Youth Development Programs are open to all youth in grades K – 12 throughout New York State, regardless of geographic location, ethnic, racial, economic, and educational backgrounds. Its purpose is to create supportive learning environments where diverse groups of youth and adults can reach their fullest potential as capable competent and caring citizens.

Youth Development is the natural process of developing one's capacities. Positive youth development occurs through an intentional process that promotes positive outcomes for young people by providing opportunities, relationships and the supports to fully meet the challenges of adolescence and adulthood. Participation in State Fair is yet another exciting opportunity for Positive Youth Development.

Focusing on the four H's: Head (Independence), Heart (Belonging), Hands (Generosity), and Health (Mastery), youth gain valuable life skills as they take on personal and social responsibility, learn the value of community service, develop decision making, problem solving, teamwork and communication skills; learn to make healthy lifestyle choices, set goals, plan, organize and resolve conflict; and become aware of personal safety issues.

4-H Curriculum supporting optimal youth development include: Citizenship & Civic Education, Communication and Expressive Arts; Consumer and Family sciences; Environmental Education and Earth sciences; Healthy Lifestyle Education; Personal Development & Leadership; Plants & Animals; and Science & Technology.

4-H events and activities at the New York State Fair are an extension of educational programs conducted by 4-H youth development programs in counties throughout New York State. They are designed to complement and supplement County, District and other State activities. (For some events there are also related Regional and National Programs, which follow State Fair.)

4-H programs and activities at State Fair are under the supervision of 4-H Program Coordinators and Extension Faculty of Cornell Cooperative Extension, County 4-H Cornell Cooperative Extension Staff, with assistance from volunteer leaders and parents.

#### **RULES AND REGULATIONS**

##### **No entry fee is charged in these departments**

1. All participants in these departments shall be participants in organized youth programs in New York State. See each Section for specific requirements.
2. Youth participants must be at least eight years of age by January 1<sup>st</sup> of current club year and in the third grade or higher and not have reached their nineteenth birthday prior to January 1 of the current year.
3. Contestants in the agricultural education contests must have been regularly enrolled in high school agricultural education classes and belonged to FFA the previous school year and have not previously participated in a national FFA contest of the same kind.
4. For non-animal exhibits, there are two accepted certifying agencies for making entries in the Youth Department of the New York State Fair: The Cornell Cooperative Extension Associations and New York City 4-H Programs and the Ag Education (FFA) organization. All entries for the New York State Fair (Youth Department) shall be made through the appropriate authorized representatives of these organizations, or may be made individually with the signed endorsement of those appropriate authorized representatives and exhibitors must meet all the requirements set by that organization (i.e., membership, ownership, specific class requirements, etc.).
5. All exhibits must be grown, made or prepared, and owned by the exhibitors during the current project or supervised practice year and must meet the specific requirements of the appropriate section. Certification must be made to this effect on the entry blank by participants and the authorized representative of the appropriate organization in the participating county.
6. Entries for individual exhibitors must be approved by a teacher of agriculture or a

Cornell Cooperative Extension Youth Educator. Exhibitor Information Statements are required for all entries except livestock and Teen Leaders. Animal Show Entry blanks and Exhibitor Information Statements may be secured from State Fair Office, 581 State Fair Boulevard, Syracuse, NY 13209 or your local Cornell Cooperative Extension Association Office.

7. Each Exhibitor Information Statement (EIS) for Dept. 50 must contain the following information either typed, printed or in legible handwriting: (a) exhibitor's name; (b) complete mailing address; (c) county; (d) section and class number; (e) age as of January 1<sup>st</sup> of current year; and (f) years in this project area.
8. For each exhibit entered for evaluation in Dept. 50, the Exhibitor Information Statement must be completed and should include all additional information requested on the form as well as any specific information requested within a section/class. An entry without the Exhibitor Information Statement will not be evaluated. If entry has more than one piece, state number of pieces and attach name tag to each piece.
9. **For a group exhibit, the name and address of a specific individual must appear on the Exhibitor Information Statement.** Name of group/club, number of participants, and age range of group should also be included.
10. All Youth Department 50 exhibits will be displayed as listed below:  
  
On display from *10 a.m. Thursday, Aug. 27 until 3:00 p.m. Sunday, Aug. 30.*  
Counties of Allegany, Cattaraugus, Columbia, Cortland, Genesee, Greene, Jefferson, Nassau, Oneida, Onondaga, Orange, Rensselaer, Saratoga, Schoharie, Schuyler, Suffolk, Sullivan, Wyoming and Yates.  
  
On display from *10 a.m. Monday, Aug. 31 until 3:00 p.m. Thursday, Sept. 3.*  
Counties of Broome, Chemung, Chenango, Clinton, Delaware, Essex, Franklin, Herkimer, Livingston, NYC, Orleans, Rockland, St. Lawrence, Schenectady, Seneca, Tompkins, Ulster, Warren, Wayne and Westchester  
  
On display from *10 a.m. Friday, Sept. 4 until 5:00 p.m. Monday, Sept. 7.*  
Counties of Albany, Cayuga, Chautauqua, Dutchess, Erie, Lewis, Madison, Monroe, Niagara, Ontario, Oswego, Otsego, Putnam, Steuben, Tioga and Washington.  
  
**NOTE: COUNTIES BRINGING EXHIBITS IN FOR DISPLAY 2<sup>ND</sup> & 3<sup>RD</sup> TIME PERIODS WILL NOT BE ABLE TO UNLOAD AND/OR SET UP EXHIBITS IN THE YOUTH BUILDING UNTIL AFTER 5 P.M.**
11. Neither State Fair Management, FFA nor Cornell Cooperative Extension assumes any responsibility in case of loss or damage to exhibits from any cause, and upon this condition only are exhibits received.
12. Each county must submit copy of county master list to the Youth Building 4-H Office no later than 9:00 p.m. on the evening of County display set-up for your County Rotation. Format for County Master Lists can be found at <http://blogs.cce.cornell.edu/nys4h/>

13. In order for youth to receive premium for their exhibits, (animal and non-animal) County Extension Educators must submit a county list with names of each exhibitor, along with their complete address and SOCIAL SECURITY NUMBER to Mary Ellen Daino in the Entry Department prior to last day of NYS Fair. Premiums will not be authorized without a Social Security number. Please do not write Social Security numbers on the EIS cards or County Master List. If an exhibitor chooses not to provide their Social Security #, please note that on the list submitted to the Entry Department.
14. Payment of premiums to 4-H exhibitors participating in the Youth Department program area are issued in the name of the exhibitor. Premium checks for individual youth are mailed directly to the youth. Premiums will not be paid if an individual does not provide their social security number to State Fair. It is recommended that premium checks be cashed no later than January 1<sup>st</sup>.
15. Ribbons will be awarded to 4-H exhibitors participating in the Youth Department based on the Danish system evaluating exhibits against the ideal. A blue ribbon will be awarded for excellent work, a red ribbon for good work, and a white ribbon for work that is worthy.
16. Exhibits not picked up by 10:00 a.m. Tuesday, September 8th will be disposed of at the discretion of the Superintendent.
17. Youth participating in any activities of the Fair approved by the Fair administration and sponsored by a youth organization represented in the Youth Department shall be considered as participating in the Youth Department and are subject to all rules and regulations of that department.
18. It is expected that all Youth Department participants shall, at all times, act in a mature and morally responsible manner, recognizing the basic rules of society and the common rights of others.
19. In addition to these general rules and regulations, participants must abide by all special rules and regulations of the Youth Department Dormitory and of the Sections in which they participate.
20. Interpretation and application of rules and regulations is the responsibility of the Department Superintendent whose decision will be final. Individual county rules will prevail where more restrictive.
21. All Youth Department participants staying overnight on the New York State Fairgrounds are expected to sleep in the Youth Building Dormitories. No Youth Department participants may sleep in the Youth Department animal exhibit areas. Parents (or legal guardians) of Youth Department participants may request exceptions to these rules through a prescribed written application (forms available from Cornell Cooperative Extension offices) and will thus assume full responsibility for the action and well-being of each of their children for whom an exception is required.

### **DORMITORY INFORMATION (Revised 1/09)**

**Cost** - \$2 per night, per person; plus \$1 deposit for dorm button (\$1 refunded at check-out time with return of dorm button). Replacement buttons \$1.

**Pre-Registration** for youth and adults staying in dorms. Registration is due in early August. Please use Dormitory Registration Forms posted on NYS 4-H web page <http://blogs.cce.cornell.edu/nys4h/>

**Office Hours** – Open at noon on Wednesday before opening day of the Fair and closes at 6 PM on Labor Day (last day of Fair). **Entry to the Youth Building Dormitories is through the center of the Youth Building, up the stairs to the 2<sup>nd</sup> floor.**

**Check In** – Takes place anytime throughout the day. No check-in allowed after 11 p.m. Youth and adults staying in the youth building dormitories must fill out a Dormitory Registration card. Chaperones are responsible for checking youth into the dorms and for residing in the dorms with the youth they are chaperoning. Chaperone provides Dormitory Office personnel with a completed dorm card and exactly \$1 for each person they register. (Dormitory folks cannot make change). All beds will be assigned. Please, no switching of beds.

**Check Out** – **NOON**. All items should be removed from bunks. Youth and adults may store property in a locker or along the wall of the dorm until 6 PM the day they are leaving. A pass will be issued for re-entry to collect property. \*\* An additional \$2 will be charged for anyone checking out after **NOON**.

**Dorm Residents** – Are youth ages 5 and older with State Fair activities or duties. All youth residents require assigned adult chaperones (21 yrs. & over). **No children under 5 years of age allowed to stay in the dormitories** Female residents are chaperoned by female chaperones, and male residents chaperoned by male chaperones. **Regardless of age, only females may reside in girl's dorm and only males may reside in the boy's dorm.**

**Curfew** – All youth will be in the Youth Building between 10:30 PM and 7 AM unless attending a teen event and/or with written parental and/or chaperone permission. A Security Wristband is required of all youth entering or leaving building after curfew. \*\* See Wristband Procedure.

**All 4-H Teen events held in youth building will end no later than 11:00 PM.**

All youth residing in the 4-H Dormitories will be expected to attend a **Mandatory Youth Orientation Meeting at 8:30 PM, the first night of each rotation.** Youth Orientation will take place in front of the Stage area located in the center of the Youth Building).

**Chaperone Orientation Meeting** – for **all chaperones** takes at 9:15 PM the first night of each rotation in front of the stage located in the center of the Youth Building.

## DORMITORY RULES & REGULATIONS

Revised 1/09

1. Curfew is 10:30 PM. **Exception:** When 4-H Teen events are planned – curfew is at conclusion of specific teen event. **ALL 4-H TEEN EVENTS WILL END BY 11:00 PM.** 4-H Teens attending scheduled teen activities in the Youth Building, PLEASE notify your chaperone as to where you will be. Immediately after teen activity has concluded, please check in with your chaperone to let them know you have returned to the dorm.
2. Quiet hours – 11 PM to 7 AM
3. Entry to the Youth Building after 10:00 PM is through the center doors of the Youth Building and will require a dorm button (for adults and youth) & **security wristband** (youth only) if entering after 10:30 p.m.
3. Youth entering or leaving the Youth Building between 10:30 PM and 7 AM must speak with their county chaperone and have obtained a Security Wristband from his/her chaperone. Chaperones please see “**Security Wristband Procedure**” noted below.
5. No cell phone calls in or out after 11 PM.
6. All youth must be chaperoned. (Designated by county or program personnel)
7. For safety concerns, **NO** bed switching or rearranging.
8. No smoking, food, beverages, hot plates or animals allowed in dorms.
9. No one under the age of five allowed to stay over night in dorms. Youth, regardless of age, must be housed in the girl’s dorm if they are female and boy’s dorm if they are male.
10. Luggage or any other items may not be left in aisles.
11. No sleeping on the floors.
12. Hair dryers & curling irons must not be used at or near the bunks.
13. No electrical cords can be run across dorm floor.
14. If the fire alarm sounds, exit immediately (exit maps on wall) and go to designated meeting spot (check with chaperone for location.).
15. Roller blades, skates, skateboards, scooters or bicycles are not allowed on Fairgrounds.
16. Residents are responsible for all damage beyond normal wear.
17. All doors are to be kept closed. (Fire Code reg) The blue light security system is operational. No one should be opening doors to allow access to the dorm at any time (unless there is a fire).
18. Nothing is to be hung from or attached to the sprinkler pipes. (Fire Code reg).
19. Nightlights must remain on at all times.
20. All residents shall act in a mature and morally responsible manner at all times, recognizing the basic rules of society and the rights of others.
21. Violations of the rules & regulations may result in any or all of the following: expulsion from the dorm, forfeiture of awards and/or premiums, guarantee and privilege of further participation in the State Fair Program.

**SECURITY WRISTBAND PROCEDURE:** Any young person entering or leaving the Youth Building between the hours of 10:30 PM and 7 AM, any day during his/her stay in the youth building dormitories (or after teen events conclude), must speak directly with his/her designated county chaperone to explain his/her reason for an after-curfew

entry. It is up to individual chaperone to determine if request will be honored. Chaperone will complete necessary paperwork and submit it to the 4-H Office in the Youth Building. Chaperones pick up "designated" wristbands, and attach wristband to wrist of youth requesting late curfew. Upon returning to the Youth Building, teens sign-up, show dorm button and wristband to Security Personnel. Security Personnel will remove wristband and ask teen to note time of return to Youth Building on designated sheet. It is the role of the County Educator and/or designated Chaperone to note whether youth is in or out of the building, NOT the NYS Fair Office of Building Coordinators. **If a young person makes the decision not to go out after 10:30 at night, they should notify their chaperone of the change in plans. Chaperone will remove wristband from youth, and return it to 4-H office/security personnel.** Wristbands are for one-time usage only. Each day that a youth is out after curfew, another request form will be required.

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| <p><b>CHAPERONE GUIDELINES &amp; EXPECTATIONS</b><br/> <b>Revised 1/07</b></p> <ol style="list-style-type: none"> <li>1. 21 years of age or older.</li> <li>2. Have read and is familiar with the Guide for 4-H Staff and Volunteers at State Fair. See <a href="http://blogs.cce.cornell.edu/nys4h/">http://blogs.cce.cornell.edu/nys4h/</a>.</li> <li>3. Attend the chaperone meeting at 9:15 PM the first night of each time period, in the stage area in the center of the Youth Building.</li> <li>4. Understand their role to be responsible for all assigned youth participants.</li> <li>5. Will reside in the dorm with participants being chaperoned.</li> <li>6. Children being chaperoned must be of the same gender as chaperone. Regardless of age, males must reside in boy's dorm, females in girl's dorm.</li> <li>7. Must know and follow the rules &amp; regulations of the dorm. (Ex., curfew, quiet hours, Security Wristband procedure, etc.) See Rules &amp; Regulations for Dorm.</li> <li>8. Review emergency procedures, blue light system, exit locations and designate a meeting spot away from the Youth Building (Ex. FFA Building) in case of fire.</li> <li>9. Physically check-in all their county participants each night between 10:30 – 11:00 PM.</li> <li>10. Accompany assigned youth after 10:30 PM out of the dorm and/or Youth Building, unless other arrangements have been made.</li> <li>11. Encourage youth participation in scheduled activities in the Youth Building</li> <li>12. Assist dorm staff and security in enforcing rules &amp; regulations.</li> </ol> |
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**ADMISSION**

General Admission, adults ..... \$10.00

Children, 12 years and under, admitted free daily; 16 years and under admitted free Friday, September 4. Seniors 60 and over free August 31 & September 1.

Advance Sale Tickets – Good for admission of 1 person 1 day of the Fair ..... \$6.00

Advance Sale Tickets may be purchased by mail or in person at the Box Office (cash, money order made payable to the NYS Fair or credit card required), New York State

Fairgrounds, 581 State Fair Blvd., Syracuse, NY 13209 or at various banks, food stores or other locations throughout the state, prior to Thursday, August 27, 2009.

**TEMPORARY RV PARKING, INDIVIDUAL DAILY PARKING FEES**

|   |          |
|---|----------|
| Full-Fair Temporary RV Parking permit – no services .....                 | \$225.00 |
| Full-Fair Temporary RV Parking permit with services (Belle Isle Lot)..... | \$440.00 |
| Full-Fair Temporary RV Parking permit with services (Infield).....        | \$400.00 |
| Primitive Overnight Temporary RV Parking permit – no services .....       | \$15.00  |
| Daily auto parking on grounds.....  | \$5.00   |

**Paid Full-Fair Temporary RV parking permits will allow you to enter the Fairgrounds anytime after 10:00 a.m. on Sunday, August 23, 2009. You must vacate the premises by Wednesday, September 9, 2009 at 4:30 p.m.**

**New for 2009, we will be offering pre-registration for Full-Fair Temporary RV Parking permits. Information and downloadable applications will be available on our website, [www.nysfair.org](http://www.nysfair.org), beginning Monday, March 2, 2009 at 12:00 p.m. If you do not have Internet access or won't have access to the Internet at this time, please call Luke Delia at (315) 487-7711 ext. 1211 to request a packet by mail. Locations are limited, so the sooner you send in the application, the better chance you will have of getting one. Any locations that are not pre-sold will be available for sale upon arrival. There is no pre-sale for Primitive Overnight Temporary RV Parking – no service; these credentials will be available for sale upon arrival.**

**The only temporary RV parking credentials that the Entry Department will be selling are the credentials for Beef Exhibitors in the Tan Beef/Youth RV Lot. RV parking credentials sold by the Entry Department must be paid in CHECK or CASH ONLY.**

A designated number of Temporary RV parking spaces are available in the Tan Beef/Youth RV Lot for participants in the Youth Department. Permits for the twelve days may be purchased (one per county) at a cost of **\$240.00** each by a county Cornell Extension Association. The request must be submitted on County Extension letterhead, by a Cornell Cooperative Extension Educator. All requests must be received at the Fair by July 24.

Include with the request, information on length of Camper/RV and a check or money order made out to New York State Fair. Please advise the number of units that will be using space during the 12 days of the Fair. If possible, indicate specific dates needed. **Sites must be vacated NO LATER THAN 9:00 p.m. on the last day of the permit.**

Due to the lack of space, campers with “push-outs” may not extend the push-out. Push-outs must remain inside the trailer/motor home unless specified space and neighbor permit.

A county wishing two permits should send a second check for **\$240.00** with the first request. After July 24, if space is available, a second permit will be mailed. If not, the second check will be returned to the sender.

Sites will be sold on a first-come, first serve basis. Sites will not be held without payment.

Requests should be mailed to:  
Entry Department – Mary Ellen Daino  
New York State Fairgrounds  
581 State Fair Boulevard  
Syracuse, NY 13209

**"The New York State Fair's contractual liability coverage excludes property damage as respect to animals."**

**PRICES SUBJECT TO CHANGE.**

**Payment of premiums will be processed after the conclusion of the 2009 NYS Fair.**

**DEPARTMENT 50**

**Section A -- PERSONAL DEVELOPMENT & LEADERSHIP**

**JoAnne Baldini – 4-H Youth Development Program Specialist**

**TEEN LEADERS**

**Class No.**

**1. TEEN LEADERS**

- Limited to 4-H members who are 13 years of age and not have reached their 19th birthday by January 1 of the current year.
- Selected by 4-H Youth Educator or Cornell Cooperative Extension Faculty member.
- Participate in educational opportunities.
- Receive a Teen Leader Certificate and a premium for each day.
- Pre-register with State 4-H Office or area superintendent.

Teen Leader Regulations:

- Expected to stay until release time the last day of their time period.
- Work a minimum of six hours work; schedules will vary. There may be exceptions.
- Failure to meet responsibilities can result in forfeiture of premiums.
- Youth serving in Teen Leader role cannot be paid more than one Teen Leader premium per day.

**NOTE:** Exhibitor Information Cards **are not needed** for Teen Leaders. In order for premium payment to be made, names of Teen Leaders must be listed on a Teen Leader Premium Report for each program in which teens participate. Completed Teen Leader Premium Reports are to be brought to the 4-H office in Youth Building the morning of the last day of each rotation. The categories of Teen Leader participation this year include:

|                       |                 |                         |
|-----------------------|-----------------|-------------------------|
| 4-H Press Corps       | GPS/GIS         | Rabbits                 |
| Fashion Revue         | Goat            | Teen Evaluators         |
| 4-H Information Booth | Horse           | Visual Arts/Photography |
| County Display Leader | Horticulture    | Science, Engineering &  |
| Dairy                 | Livestock       | Technology              |
| Dog                   | OMK             | Shooting Sports         |
| Emcee                 | Poultry Science |                         |

**NOTE:** Regarding “County Displays” – County Educator/designated person for the county will be responsible for submitting “4-H Premium Reports for Teen Leaders and/or Group Action Booth” participants working within their county booth. These reports are due at the end of the county rotation period.

### PERSONAL DEVELOPMENT OPPORTUNITY

Face-to-Face Evaluation - 4-H exhibitors, present when his/her county exhibits are being evaluated, are invited to interact with the evaluator. Youth will be expected to be at the judging site to answer the evaluator’s questions, give details about their work, and hear comments on how to improve their project. This opportunity does not replace the need to follow Rules & Regulations such as the need to complete the Exhibitor Information Statement. No additional premium will be awarded.

### Section B -- SPECIAL/UNIQUE EXHIBITS

**Tom Dumas, 4-H Program Coordinator**  
**JoAnne Baldini – 4-H Youth Development Program Specialist**

**Class No.**

1. **EXHIBITS** – Attractive educational exhibits. Individual/Group/County Exhibit. (One premium per exhibit.)
  - A. Youth Community Action Display representing any/all phases of the Youth Community Action Lifecycle: Education; Service; Community Service; Service Learning; Community Development. Exhibit must include project summary documenting action plan and project outcome to more fully inform public of nature of project and effects the project has had on the individual and/or club, community or world. Exhibit may visually display the entire project or highlight certain parts.
  - B. Poster display representing innovative/non-traditional 4-H youth development activities and/or programs. This is an opportunity to showcase new and exciting programming efforts that are happening outside of traditional 4-H club programs (different types of outreach, working with new audiences/diverse youth audiences, collaborations with other youth organizations, 4-H after school programming, etc.)

**Class No.**

2. **FOODS & NUTRITION EXHIBITS/CONTESTS** – 4-H members 8 – 19 will receive Exhibitor Premium. In order to receive premium, a “participant summary form” will be completed for youth participating. This form will be turned into the 4-H office in the Youth Building prior to the end of State Fair. Pre-registration for these programs is required.
- A. **Produced in New York & Creative Apple Recipe Contest** – Program is open to 4-H youth 5 – 19 years of age (Cloverbuds cannot receive premium). This contest is a marvelous opportunity for youth to demonstrate their food preparation skills while promoting recipes featuring New York State produce. Individual participants (8 – 19 years old) will be judged on demonstration, product and menu plan. Purple rosettes will be awarded to Outstanding Junior and Senior participants in each rotation. See Program Rules & Regulations & Participant Entry Form and evaluation sheets at <http://blogs.cce.cornell.edu/nys4h/>
  - B. **NYS 4-H Chicken & Turkey Barbecue Contests** – Open to youth 14 years of age and older. Youth participants must have been pre-approved by County Extension Office in order to participate. Program Rules & Regulations can be found on NYS 4-H Web page <http://blogs.cce.cornell.edu/nys4h/>. See also: National Egg & Poultry <http://blogs.cce.cornell.edu/nys4h/>
  - C. **NYS Fair 4-H Egg Preparation Contest** – Open to any 4-H members who have been pre-approved to participate by County Extension Educator. See Program Rules & Regulations at <http://blogs.cce.cornell.edu/nys4h/>. See also, National Egg and Poultry Contest <http://blogs.cce.cornell.edu/nys4h/>.
3. **PUBLIC PRESENTATION** – 4-H members 8 – 19 years of age will receive Exhibitor premium. In order to receive a premium, a “participant summary form” will be completed for all youth participating. This form will be turned into the 4-H office in the Youth Building prior to county leaving State Fair. Pre-registration is required.
- o **General Public Presentations/Demonstrations:** An opportunity for youth ages 8 – 19 years of age to showcase their talents. Participants may use any type of communication style: Demonstration, Illustrated Talk, Speech, Recitation, Dramatic Interpretation, Song or Dance to showcase their particular skills and abilities. Program is designed to attract the public to want to sit, listen and learn. This is a great opportunity to share individual/group talent with a general audience and to get people excited about 4-H. For information and registration deadlines see Teen Leader Packet on NYS 4-H web site at: <http://blogs.cce.cornell.edu/nys4h/>. Applications are due to the NYS 4-H Office by Monday, August 3. In order for 4-H members 8 – 19 to receive Exhibitor Premium County Educator must submit participant summary sheet with participant name, presentation title, complete address and SS #..
  - o **New in 2009 – Statewide Public Presentation Showcase** – see 4-H Web page..

**Class No.**

4. **GROUP ACTION BOOTHS** – Consists of a group of three or more youth and one adult. Premium of \$20/day. County personnel must submit a 4-H Group Action Booth Premium Report by the end of the Fair.

5. **OPEN CLASS** - Class is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

## **Section C – COMMUNICATIONS AND EXPRESSIVE ARTS**

### **JoAnne Baldini – 4-H Youth Development Program Specialist**

This section is intended to be a showcase for projects done that fall under the national curriculum category, Communications and Expressive Arts.

#### **1. WRITING/PRINT**

- A. **Press releases or editorials** submitted to the media. If the release was printed, please include a copy, indicating date of release and title of publication.
- B. **Record Books** All record books are expected to have a cover page with exhibitor name, age, club and county.
- B1 **4-H Scrap Book and/or Scrap Books** using scrapbooking technique, (may or may not be 4-H related), representing current year projects/ activities. Exhibits will be evaluated for appearance and creativity only. **All scrapbooks must be 4-H appropriate regardless of creative effort.**
- B2 **4-H Achievement/Record Book** – a collection of items (pictures, ribbons and record sheets) assembled to demonstrate involvement in projects and activities during current 4-H year. Achievement/Record Books will be evaluated on completeness, accuracy of information, organization, neatness and overall readability.
- B3 **4-H Portfolio** – Portfolio should include completed NYS Portfolio Summary Document found in Club Management Notebook, appropriate record sheets, and a 4-H Story documenting member participation and evidence of growth through involvement in the 4-H program for the current year. The 4-H Story is a significant and important part of the Portfolio. Over time the portfolio represents cumulative NYS Portfolio Summary Documents from previous years' involvement. Individual project records from previous years, pages of pictures and actual ribbons **should not** be included in the Portfolio. Exhibit will be judged on ability of exhibitor to clearly record information, the ease at which evaluator is able to understand scope of experiences and involvement and the overall 4-H story.
- B4 **Reflective Essay** – A written essay represents a young person's ability to reflect on what they've learned through participation in 4-H youth development programs, projects and activities. Reflective essays will be evaluated using the following criteria: evidence of life skill development through experiential learning (Do, Share, Process, Generalize, Apply); meaningful documentation of the impact that 4-H has had in exhibitor's life; and adequate information for evaluator to comprehend the skills and abilities learned. Exhibitors are expected to pay attention to formatting, spelling and grammar usage. Exhibits will be evaluated according to individual age and level of development.

- C. Creative Writing – Creative writing is a term used to distinguish certain imaginative or different types of writing from generic writing. Creative Writing includes but is not limited to: fiction, drama for stage or screen; poetry; screenwriting (writing for movies); self-exploratory writing (e.g. autobiography); writing that self-consciously mixes these or other genres. Source. Creative writing will be evaluated on content, standard punctuation and grammar, rhyme (if applicable), use of expressions, actions or objects appropriately, clichés, dialogue and overall “tone” of the written piece.

**Class No.**

2. **POSTERS AND 3-DIMENSIONAL DISPLAYS** – Educational posters/3-dimensional displays – Exhibit should be self-explanatory through the use of appropriate captions, signs or labels and should be limited to approximately card table size. Exhibit will be evaluated on content, illustration, organization, clarity, visual appeal and readability. All exhibits must include a written summary to help evaluator understand purpose and/or outcome
- 2A. Public Presentation Posters – posters must be accompanied by a descriptive summary so that evaluator clearly understands why/how poster was used.
- 2B Poster/Exhibit: Individual or Group – a series of posters (at least 14” x 22”) /photos (8” x 10”) or three-dimensional exhibit representing any aspect of 4-H Youth Development projects and/or activities.
- 2C Displays demonstrating the theme “4-H Takes You Places”. Exhibitor may use any suitable materials or photographs to demonstrate to the public that 4-H can take you places (literally or figuratively). Display should incorporate some text to help fairgoers understand what 4-H youth development is all about.
3. **PICTURES OF 4-H PROJECTS, ACTIVITIES AND TRIPS – ANY SIZE**  
Please follow general information guidelines of Section D, Visual Arts. More than one display per exhibitor may be entered. Images will be evaluated based on design, ability to tell a story and marketing appeal.
4. **4-H BANNERS**
- Size: 2’ x 4’ minimum
  - Designed to hang vertically or horizontally or to be carried horizontally
  - Must be equipped with a dowel on top suitable for hanging or carrying
  - Any assembly technique can be used
  - Must incorporate the 4-H Clover

**Class No.**

5. **PERFORMING ARTS** – Exhibits should illustrate the exhibitor’s involvement in performing arts. Involvement may be as a performer, technical support staff, review or observer.
- 5A **Prop** – any object or material constructed by the exhibitor for use in a production. Examples: backdrop, scenery, puppet, mask, etc. Note: Costumes are evaluated in Textiles and Clothing classes.
  - 5B **Script** – an original sketch, scene or play written by the exhibitor.
  - 5C **Documentation** – notebook, posters or 3-dimensional exhibits about involvement in live performances.
  - 5D **Other** – any performing arts exhibit or project falling outside the categories described above.
6. **Open Class** is an option for exhibits deemed by the County Educator to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension educator.

**Section D – CONSUMER & FAMILY SCIENCES**

**Celeste Carmichael, Superintendent**

**Cornell Extension Consultants:**

Katie Nelson, Seneca; Kathy Sherwood, Delaware; Pam Castro, Orange; Jennifer Jensen, Ontario; Mary Ann Scharmberg, Livingston; Roxanne Dueppengiesser, Wyoming; Mary Fairley, Saratoga  
Charlotte Coffman – Textiles & Clothing

Exhibiting 4-H projects provides opportunities for youth recognition as well as learning experiences, beyond the county level. Exhibits also provide a venue from which the public can gain a sense of the breadth and depth of 4-H project activities.

**HOME ENVIRONMENT – SECTION DA**

General Guidelines:

- ✓ Items entered in this section should include on the EIS card the following information:
  - a. Where will the item be used
  - b. What is the color scheme of the room
  - c. What will the item be used for
  - d. Where did you get your ideas from (name of 4-H Project)

**WOODEN FURNITURE & FURNITURE ACCESSORIES**

1. **FURNITURE WITH A PAINTED/NATURAL FINISH** such as chair, table, chest, bookcase, etc. that is new and/or unfinished, refinished or constructed by exhibitor.

**Class No.**

2. **WOODEN ACCESSORY ITEM WITH PAINTED OR NATURAL FINISH** such as a shelf, magazine rack, picture frame, wooden bowl etc. Emphasis in this class is the restoration and not the actual construction of the exhibit.
3. **CHAIR OR STOOL WITH NEW SEATING.** Frame may be new, unfinished, restored, refinished by exhibitor. May have a painted or natural finish. Seat may be upholstered, caned, etc.
4. **CHAIR SEAT.** Items as in previous class except that only the seating will be evaluated.

FABRIC FURNISHINGS

5. **MAJOR FURNISHING ITEMS MADE OF FABRIC** - quilt, bedspread, coverlet, dust ruffle, curtains, draperies, slipcovers etc.
6. **FABRIC ACCESSORY** such as pillow, wall hanging, windsock, placemats, napkins, tablecloth, macramé and needlework items including needlepoint, bargello, counted cross-stitch, latchhooking, crewel embroidery, candlewicking, knitting and crocheting etc.
7. **A GROUP OR CLUB PROJECT** – Group or Club Project such as a quilt, wall hanging etc. (Club Banners see Communications and Expressive Arts classes.)
8. **EMBELLISHED FURNISHING** – items such as placemats and lampshades that have been changed by adding fabric, painted design or other embellishments.

OTHER HOME ACCESSORIES

9. **HOME STORAGE** – laundry bags, shoebags, locker caddies, travel storage, cardboard storage units, etc.
10. **ROOM ACCESSORIES** – bulletin board, fabric décor, lampshade, picture frame (may be non sewn items).
11. **TABLE SETTING EXHIBIT** – An entry should include table setting for at least 2 people, menu, short story about the specific occasion the setting is for, table cloth, place mats, napkins (may be artfully displayed/folded), centerpiece and table decoration as appropriate to complete the table setting. Exhibits should be displayed on a small table such as a card table (provided by exhibitor). The exhibit should remain in place during the full time period.

HOME ENVIRONMENT OPEN CLASS

12. **OPEN CLASS** is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

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|--|
| <b>FINE ARTS &amp; CRAFTS – SECTION DB</b> |
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General Guidelines:

- ✓ This section is limited to items designed by the participant.
- ✓ Crafts made from commercially available kits should be exhibited in Home Environment.
- ✓ Art Objects must be in good condition, ready for display. Small, delicate, fragile items should be displayed in a display box. Objects whose ultimate use is to hang on the wall must have mountings on them and be ready for hanging.

FINE ARTS

**Class No.**

13. **PAINTINGS, DRAWINGS, GRAPHICS/PRINTS** - Art work is to be signed, matted and framed.
- **DRAWING** – Expressive work in pencil, charcoal pencil, felt tip pen, stick charcoal, crayon, colored chalk or pastel, brush and ink.
  - **PAINTING** – Expressive work in oil, watercolor, acrylics or mixed media, i.e., watercolor and ink, acrylic and chalk, acrylic and collage, etc.
  - **GRAPHICS/PRINTS** – Any printing process that duplicates one or more identical images.
  - **SCULPTURE** – Materials may be wood, stone, clay, original cast plaster, paper-mache, metal (sheet or wire), fibers, fabric, or fiber glass, or a combination of these. Processes may be carved, modeled, fired, soldered, glued, molded, laminated, nailed, or sewn.

CRAFTS

14. **CRAFTSMANSHIP** - An exhibit shall consist of one of the following:
- **CERAMICS, POTTERY** – Objects of clay, fired and/or glazed, hand built, wheel thrown, cast from original mold. No pre-forms permitted.
  - **HOBBY CERAMICS** – Any form cast from a commercial mold or pre-form.
  - **FIBER, FABRIC** – Original design objects of 2 or 3 dimensions of fibers and/or fabrics used singly or in combination, employing any of the following techniques: weaving; knotting; needle arts; string art; sewing; etc.
  - **LEATHER** – Using no pattern. Objects can be tooled, carved, molded, stamped, laced, stitched and/or riveted and be combined with other materials.
  - **GLASSWORK** – Etched and stained glass.
  - **METAL** – Jewelry and objects of metal(s) used singly or in combination with other materials such as other metals, plastics, wood, ground stones, bone, enamel. Objects can be made by the following processes: etched; engraved; tooled or molded.
  - **MOSAICS** – Two- or three-dimensional objects using clay tile, glass, stone, natural and found materials.
  - **TIE-DYEING/BATIK** – Processes: tie-dyeing; utilize knotting and folding techniques and 2 or more colors. Bleaching is acceptable. Processes: batik; utilize the immersion or outline fill-in techniques of wax resist with 2 or more colors. No fabric paints or scribbles.

- WOOD AND/OR PAPER – Processes: carving; gluing; inlay; cutting; tearing; layering; (origami) folding.

HERITAGE ART, CRAFTS AND DOCUMENTATION

- ✓ Include the following on or with the completed Exhibitor Information Statement:
  - a. Source of traditional design (specific ethnic group or family)
  - b. Design plan/chart and historical background as appropriate.

Emphasis in the heritage art, crafts and documentation is on personal growth and knowledge through learning about a cultural heritage. It is based on research of traditional designs, methods and materials as well as learning the necessary skills.

**Class No.**

15. **HERITAGE ART EXHIBIT** – shall consist of one of the following:
  - HERITAGE ART AND CRAFTS – Traditional objects using materials, methods and/or decoration based on a continuation of ethnic art or handed down from one generation to another. Example, stencil created by exhibitor.
  - PROCESSED NATURAL FIBERS – Natural fibers processed for use.
    - HERITAGE DOCUMENTATION – Documentation of family or community history, buildings, methods of processing and/or use. Cite references.

**NOTE:** Photographic documentation is in photography classes.

FINE ARTS & CRAFTS OPEN CLASS

16. **OPEN CLASS** is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

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| <b>CHILD DEVELOPMENT/CARE – SECTION DC</b> |
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- ✓ An exhibit shall consist of one of the following:
  17. **CREATIVE TOY, GAME OR STORYBOOK** – A homemade toy, book, game or activity to be used with children. EIS statement should include age of child intended to use article, developmental stage the item is suited for and why this would be an appropriate play item.
  18. **“BABY-SITTER’S KIT”** including games, toys and safety materials needed while caring for a baby, toddler or preschooler. Include explanation of planned use of articles in kit.

CHILD DEVELOPMENT/CARE OPEN CLASS

19. **OPEN CLASS** is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

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| <b>TEXTILES AND CLOTHING – SECTION DD</b> |
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General Guidelines:

- ✓ State Clothing Revue garments may not be entered in any of these classes, but may be evaluated for comment only. Note evaluation request on clothing review application. Evaluation will be done as a part of Fashion Review program.
- ✓ For **all** classes in Textile and Clothing in addition to the completed Exhibitor Information Statement, include the following:
  - a. name or source of pattern
  - b. fiber content of item when available
  - c. care label information; and
  - d. if a kit is used for down or fiberfill items or outdoor equipment (i.e., parka, hood, booties, sleeping bag, tent) this must be stated.
  - e. Where did you get your ideas from (name of 4-H Project?)
- ✓ No kits are allowed for the original pattern and design class.
- ✓ Projects selected to come to State Fair should be age and experience appropriate.

WEARABLE SEWN ITEMS

**Class No.**

20. **CLOTHING** – (Note guidelines above) any beginner, intermediate or advanced level sewn garment – guidelines are included below to assist member and evaluator in judging the skills of the 4-H member. **Pieces of a coordinated outfit should be entered as one entry.**

- A) **Beginning skill members** (skills may include seams, pressing, casing for elastic, facing, hems, raglan and dolman sleeves, straps or belt loops, gathering and waistband).
- B) **Intermediate skill members** (skills may include gathering, collar, set-in sleeves, plackets and cuffs, zipper, pockets, pleats, plaid, snaps, hook/eye machine buttonholes)
- C) **Advanced skill members** (skills may include specialty fabrics, plaids and stripes, lining, bound buttonholes, welt pockets, tailoring).

- 21. **WEARABLE ACCESSORIES, SEWN** - an item created by the exhibitor, which has a decorative and/or functional purpose.
- 22. **HISTORICALLY ACCURATE CLOTHING, SEWN** - clothing made using materials and construction techniques appropriate for period clothing. Exhibit does not have to use the exact fabric or technique but there should be evidence of effort.
- 23. **COSTUMES** made using materials and construction techniques appropriate for the costume design and use. For example if the costume is to be worn only once in a school play, the “look” of it from a distance will be more important than neat sewing.
- 24. **RECYCLED GARMENTS** - examples include remodeled or renovated garments.

NON-APPAREL, SEWN

(Note that items in these classes will be evaluated by clothing evaluators)

**Class No.**

25. **NON-APPAREL, SEWN** – examples include outdoor equipment such as backpack, tent, sleeping bag; articles for a horse such as saddle pad, cooling sheet, saddle bags or recreational items such as kites and toys. For reference see the 4-H Curriculum *Simple Gifts and The Flight/Fabric Connection*.
26. **RECYCLED NON-APPAREL, SEWN** – examples include remodeled or renovated items that are not clothing. For example – jeans turned into grocery/all purpose bags, t-shirts turned into a purse, towels turned into a dog toy, etc.

TEXTILE ARTS

(Note that items in these classes will be evaluated by clothing evaluators)

27. **TEXTILE ARTS** - apparel made using a form of textile art other than sewing. Items may be crocheted, knitted, woven, tie-dyed, etc.

ORIGINAL PATTERN DESIGN

(Note that items in these classes will be evaluated by clothing evaluators)

28. **WEARABLE OR NON-WEARABLE ITEMS DESIGNED AND CONSTRUCTED BY EXHIBITOR** (designs may be made by hand, by computer or combinations/design alterations of purchased patterns. Include pattern and description.

PURCHASED GARMENT

29. **PURCHASED GARMENT** - entries in this class should reflect wise consumer decision-making. Garment or outfit must be accompanied by an 8 ½" x 11" information notebook. The notebook must include the following (1) color photo of entrant wearing garment or outfit – label photo with name, county and color of complexion, hair and eyes; (2) cost of garment – include price tags or information, itemized comparison of cost to make garment – consider cost of fabric, notions, pattern, labor, etc. (3) story that describes: a) why garment was purchased; b) how it fits into wardrobe; c) fabric structure, fiber content and care; d) simple accessories selected; and e) activities for which garment will be worn. For reference see the 4-H Curriculum *Clothing Decisions*.

TEXTILE & CLOTHING OPEN CLASS

30. **OPEN CLASS** is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

## FOOD AND NUTRITION – SECTION DE

Those interested in cooking may wish to enter cooking demonstration events. See event listing in SECTION B.

### General Guidelines:

- ✓ All baked entries must have been baked from scratch by the exhibitor. No ready made refrigerated or frozen doughs or box mixes are permitted.
- ✓ No exhibits requiring refrigeration (cream or custard-based pies, cakes) are allowed.
- ✓ Our goal is to encourage the mastery of skills. Fewer ingredients generally means a simpler recipe. The more experienced 4-H member is encouraged to exhibit a more difficult recipe. Exhibitors are also encouraged to not exhibit in the same class year after year. Again, this is to demonstrate mastering of new skills.
- ✓ Please do your best to demonstrate good nutritional choices in your recipe.
- ✓ Remove all items from baking pans (except pies) and exhibit on paper plates or foil-wrapped cardboard. Exhibit must be covered with plastic resealable baggies – no plastic wrap. Do not bake muffins or cupcakes in paper liners.
- ✓ Include recipe card (product name, ingredients, preparation steps, yield) with all baked entries. Indicate how the recipe was modified to make it healthier.
- ✓ An exhibit is: 3 samples of small items (cookies, muffins, cupcakes, rolls, breadsticks, pretzels or similar products); ½ of large item (loaf bread, cake, coffee cake or similar products); or whole item if needed to convey appearance of product (pie, turtle-shaped bread or similar products).
- ✓ Complete exhibitor information statement card for each exhibit entered, indicating new skills mastered and nutritional choices made.

### HEALTHY LIVING

#### Class No.

31. **HEALTHY SNACK** – this may be an actual food exhibit, poster, photos or may include faux food. The idea is to prepare an example of a healthy snack that you might have yourself or may prepare for friends. Actual food exhibits must be able to be presented without the need of refrigeration. Examples of Healthy Snacks: veggie platter, smoothie, cheese and crackers, fruit kabobs. EIS statement should include serving size and info about the nutritional value of the snack
32. **PACKED LUNCH** – entry is to be presented in a lunch bag or box (always good to think about how this will be displayed at the county booth). Display may include photos or pretend food, if actual items will not hold up. EIS statement must include the following: a) Dietary needs of individual that lunch is for (aka: a 3<sup>rd</sup> grader will require less food than a high school athlete); b) Facilities available for keeping lunch (aka: will this be used on a trail ride? Lunchroom? Do you need a microwave in order to prepare? Etc.); c) Nutritional value of the lunch packed (consider this when you decide what is going in the packed lunch).
33. **MENU FOR A DAY** – The menu should include complete listing of all meals and snacks that would be eaten over a one-day period. A description of individual or

family for whom meals are intended must be included. Typed exhibit with photos is recommended, creativity is encouraged.

-- See RECIPE COLLECTIONS below for more HEALTHY LIVING options.

#### COOKIES

**Class No.**

- 34. **DROP OR HAND-SHAPED, PRESSED** - Examples: drop-chocolate chip, applesauce, oatmeal; hand-shaped peanut butter, snickerdoodles, crinkles. No frosting; hand-shaped cookies can be rolled in sugar.
- 35. **PAN-BAKED, ROLLED OR REFRIGERATOR** - Examples: date bar, pumpkin bar, brownies or other batter cookie (not layered pan cookies). No frosting or added decorations that are not part of the batter.

#### MUFFINS, BISCUITS & BREADS (NO YEAST)

- 36. **MUFFINS** Plain, whole wheat, cornbread, bran, apple, or other. No toppings.
- 37. **BISCUITS OR SCONES**. Plain, whole grain, flavored, or other shaped (rolled & cut) biscuits or scones. No toppings.
- 38. **LOAF BREAD** (not yeast leavened). Banana, blueberry, apple, pumpkin, or other bread baked in a loaf pan.

#### YEAST BREADS

- 39. **YEAST ROLLS**. Plain, whole grain, flavored, or other yeast rolls of any shape; does not include fancy rolls with fillings or frosting.
- 40. **YEAST BREAD**. Plain, whole grain, flavored, or other, baked in a loaf pan.
- 41. **SHAPED BREAD**. An exhibit is any small (such as pretzels or breadsticks), or large (such as animal shaped) hand shaped bread. Plain, whole grain, flavored, or other; does not include fancy yeast breads with fillings or frosting.

#### OTHER BAKING CLASSES

- 42. **BAKING LIGHT** - An exhibit is sample of any baked product that is made with less fat and total calories by (1) modifying a recipe (include original and revised recipe); (2) using an already modified recipe; (3) making a traditionally low fat product such as angel food cake. The recipe and explanation of why it is low in fat must be included. Cookies, loaf bread, cake, cupcake, coffee cake, muffins, pies, or other baked items.
- 43. **GROWN IN NEW YORK** - An exhibit is sample of any baked product that contains a fruit or vegetable grown in New York State and must include: (a) recipe, (b) explanation of ingredient grown in New York, including where it was

grown and purchased and if it was preserved for later use, and a statement about the nutritional value of the item produced in New York. Source of ingredient can be garden, U-pick or roadside stand, farmers market, or any market if source can be identified. Cookies, muffins, bread, cake, cupcakes, coffee cake, pie or other baked items.

**Class No.**

- 44. **HERITAGE FOODS** - An exhibit is sample of any baked item associated with family traditions or history and must include: (a) recipe and (b) family history and traditions associated with the food. Cookies, muffins, bread, cake, cupcakes, coffee cake, pie, or other baked items.
- 45. **INTERNATIONAL FOODS** - An exhibit is sample of any baked item associated with customs and traditions of a country or population of the world and must include: (a) recipe, (b) historical background or context, and (c) traditions associated with preparing, serving, and eating the food. Cookies, muffins, bread, cake, cupcake, coffee cake, pie, or other baked items.

**RECIPE COLLECTIONS**

- 46. **HEALTHY RECIPE COLLECTION** - An exhibit is at least 6 recipes (displayed in a box, notebook, or file folder; can include photos or illustrations) that provide needed nutrients while limiting fat and total calories. For each recipe state: (1) relationship of key ingredients to Food Guide Pyramid; (2) nutritional benefit; (3) source of recipe; (4) how well it was liked; (5) any changes you would make in the recipe. All recipes must be collected and made during the current enrollment year.
- 47. **HERITAGE RECIPE COLLECTION** - An exhibit is at least 10 recipes (displayed in box, notebook, or file folder; can include photos or illustrations) that depicts family or local history. For each recipe state: (1) source of recipe; (2) history related to recipe; (3) traditions related to preparing, serving, and eating the food. For 4 of the 10 recipes, indicate how well it was liked after making it. The collection should represent one or more generations older than you and can be collected from family, friends, or other community sources. All recipes must be collected and at least 4 of the 10 prepared during the current enrollment year.

**PRESERVED FOODS**

- 48. **PRESERVED FOODS** – Any processed food, including dried foods, will be evaluated based on appearance and process used. If there is a concern about food safety, the entry may not be tasted. Process must be described.

Criteria for Exhibiting Home Canned Foods

- ✓ **Canned exhibit consists of one standard clear-glass canning jar processed with a self-sealing, two piece lid.** Each exhibit must be sealed. May be exhibited with or without the screw-on band.
- ✓ Jars must be labeled with contents, date preserved and type of processing (ex. boiling water bath), time of process, and altitude adjustment. (Time and method of process should agree with USDA recommendations.)

- ✓ Appropriate head space requirements must be followed for example: Fruit Juices – ¼ inch; Vegetables - ½ to 1 inch; Jams & Jellies – ¼ inch; Pickles – ½ inch; Tomatoes – ½ inch.
- ✓ The following entries will be disqualified: a) foods processed and packaged not following current (1989 or later) USDA recommendations; b) Paraffin sealed jams and jellies; c) Jars with zinc lids; d) Foods-in green glass jars or non standardized jars; e) Foods that have been improperly processed or packed; f) Jars with more than 2” headspace; g) Jars with added color, bleach, sulfite or other preservatives. (For example, baking soda may not be added to green vegetables and acids may not be added to non-pickled foods with the exception of tomatoes and figs.)

**Class No.**

**CANNED FOODS**

- 48 A. Canned Fruit
- 48 B. Vegetable
- 48 C. Tomatoes
- 48 D. Juice
- 48 E. Pickles, Relish
- 48 F. Jam, Jelly, Marmalade
- 48 G. Pie Filling

**DRIED/DEHYDRATED FOODS**

Dried foods must be displayed in either clear one-half pint or pint size zip closure bags or glass jars with tight fitting lids. Foods in unapproved containers or more than one year old will not be judged.

- ✓ Entry card should include method of drying, pre-treatment method (if used), source of directions and date of preparation.

- 49 A. Dried vegetables
- 49 B. Dried fruit
- 49 C. Leathers
- 49 D. Herbs

**FOOD & NUTRITION OPEN CLASS**

50. **OPEN CLASS** is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator. A recipe and written description of the process used for creating the item must be included.

## SECTION E -- VISUAL ARTS/PHOTOGRAPHY

JoAnne Baldini, Superintendent

### GENERAL INFORMATION

- Visual Arts/Photography exhibits must have been taken by the exhibitor as part of a 4-H program during the current year and should reflect a meaningful, thoughtful process.

- **IMPORTANT** - One exhibit per class/per exhibitor with no more than two exhibits per exhibitor overall in Visual Arts/Photography Section.

- Visual Arts exhibits will be evaluated on technical quality, composition, story telling ability and preparation of exhibit.
- No photograph or digital image shall be smaller than 3 ½" x 3 ½".
- Exhibit must be titled or captioned to assist the viewer to interpret the message.
- Preparation of photo for exhibit should demonstrate good workmanship and use of materials. Exhibit should be mounted on a sturdy background, not in a commercial picture frame.
- **All exhibits must be accompanied by an Exhibitor Information Statement.**
- **Creative Framing Class**

### SPECIAL RECOGNITION FOR EXHIBITORS OF PRINTS

- One Photographic print shall be selected as CHAMPION PHOTOGRAPHY ENTRY for each time period and shall be awarded a champion rosette ribbon along with a special \$10 premium award.
- Three additional Photographic print entries may be selected for each time period and each shall be awarded a special HONORABLE MENTION rosette ribbon.
- No exhibitor shall be awarded more than one special photography award during any one-time period.
- Only Photographic print entries are eligible for these special awards.

#### Class No.

1. **SINGLE PHOTO - BLACK AND WHITE**
2. **SINGLE PHOTO - COLOR**
3. **PHOTO STORY** – Narrative or informational presentation using images as illustrations to communicate story or document a process. Consists of 4 to 8 photographs of similar size with identifying or informational captions to tell a story or document a process. Exhibit may include a short narrative telling the story that the images are illustrating. Some photo stories require a supporting narrative, conversely, most narrative work is better supported by a group of images. Exhibit will be judged on informational/narrative quality of photographs, relevance to and integration with the story, technical quality of the photographs and quality of the overall presentation.

**Class No.**

4. **PHOTO STUDY CLASS** - Consist of one of the following:
  - A Four photos demonstrating four methods of isolating the subject; not more than three objects permitted in each photo.
  - B Four Close-up photos with a different main light source in each - front, side, back and diffuse.
  - C Four photos - each to illustrate one idea, i.e., hidden lines and shapes, framing, patterns, perspective or texture. Show differences - same topic, different location, angles, etc.
  
5. **VIDEO PROJECT** - **Please note that Evaluators have limited viewing time available. You must provide proper viewing equipment for the Evaluations: do not assume that equipment will be readily available at the State Fair.**
  - Project can be a 30 second television spot, a documentary demonstrating 4-H activities, a narrative or dramatic group project by 4-H members or an informational presentation promoting 4-H.
  - Project to feature a 4-H project or activity or promote 4-H.
  - Products longer than 10 minutes should include a short “preview highlights” show as a separate tape, disc or file. **Please remember that Evaluators have limited viewing time available.**
  - Project can be submitted as a disc or tape. If project is submitted as a computer file, clear documentation for opening and viewing procedures, as well as software requirements should be included in supporting documentation.
  - To ensure that the exhibit can be viewed and evaluated at the fair, the exhibitor should make arrangements prior to the fair for necessary hardware (and software if necessary) to be present, accessible and operating at the time of exhibition and evaluation.
  - Project will be evaluated on technical quality, organization, creativity and ability to communicate a message.
  
6. **SINGLE UNEDITED DIGITAL IMAGE**
  - Picture comes straight from the camera, no modification.
  
7. **SINGLE SLIGHTLY EDITED DIGITAL IMAGE**
  - Image somewhat digitally edited or enhanced.
  - Modifications may include: cropping; sharpening or blurring; brightness or contrast changes; or the addition of text.
  - Thumbnail of the original image shall accompany exhibit.
  
8. **SINGLE HEAVILY EDITED DIGITAL IMAGE**
  - Image has been radically digitally edited or enhanced.
  - Modifications may include: addition to or the removal of parts of the image; changes in the color scheme of the image; the use of filters or effects; or animation using digital images, etc.
  - Thumbnail of the original image shall accompany exhibit.
  
9. **STORY COMPOSED OF 4-8 DIGITAL IMAGES OF SIMILAR SIZE**
  - If edited images are used, thumbnails of the originals shall accompany exhibit.

10. **USING DIGITAL IMAGES**

- A short statement, story or article using one or more digital images to illustrate, visually explain or enhance its meaning.
11. **COMPUTER GRAPHIC DESIGN** – design a graphic to be used to promote any aspect of 4-H. Design must:
- Be black and white
  - Be copy friendly
  - Be computer generated/or hand drawn graphic
  - Use the official 4-H clover (<http://blogs.cce.cornell.edu/nys4h/>).
  - If using graphics from the World Wide Web please note source and permission for use from owner.

**Class No.**

12. **MY WEB PAGE**

- Entry must include Web Page Address and short write-up of what you would like to accomplish through Web Page.
- Web Page acknowledges NYS 4-H Youth Development/Cornell Cooperative Extension and other resources (both human and material) that providing the means for learning and skill development necessary to create the web page.
- Web page must be accessible on-line.

13. **CREATIVE FRAMING** – Traditionally, framing of 4-H Photographic Exhibits for exhibit at the NYS Fair has not been permitted. Beginning in 2008, Creative Framing will be both encouraged and allowed.

**Criteria for exhibiting in Creative Framing Class:**

- One Exhibit per Exhibitor.
- Exhibits simply placed in a commercial frame are ineligible.
- Exhibitor is expected to draw on their artistic sensibilities to enhance an existing image via the creative framing process.
- Photographic Image may come from Class #1 Black & White, Class #2 Color or Class #3 Photo Story.
- Exhibitors should use their imagination such that Creative Framing serves to create a visual image that is more powerful than the sum of all its parts.
- The possibilities are limited only by your own ideas and collaboration.
- Creative Framing Possibilities:
  - Create your own physical frame using materials discovered in the environment (i.e., leaves, sticks, pinecones).
  - Sandwich your photo between two pieces of commercially framed glass, then carefully add your own rendering to the piece.
  - See the physical frame as a three-dimensional space that uses depth in ways that stimulate viewer attention.

## SECTION F -- HORTICULTURE

**Claudia Hitt, Superintendent**  
**CCE of Cortland County**  
**60 Central Avenue**  
**Cortland, NY 13045**  
**Phone (607) 753-5077**  
**E-mail: [cwh7@cornell.edu](mailto:cwh7@cornell.edu)**  
<http://blogs.cce.cornell.edu/nys4h/>

**4-H Horticulture Contest - Friday, August 28, 10:00 a.m., FFA Building.**  
**Participants must begin before 10:30 a.m.**  
**Sign up at the State Fair prior to the start of the contest. Please arrive**  
**approximately 15 minutes early to complete the registration form.**

**Horticulture Contest Coordinator and National Junior Horticulture Association**  
**State Leader: Susan Beebe, Cornell Cooperative Extension of Saratoga County.**

The Horticulture Contest is one way to strengthen one's knowledge of the most common (and some not so common) plant materials used in routine gardening practices including vegetables, fruits and nuts, flowers and ornamentals. The contest will be made up of four sections: judging, identification, written, and team problem solving.

Each county may enter one advanced, one intermediate and one beginner team. Teams must consist of not more than four (4) contestants. Individuals may participate in cases where full teams cannot be obtained or for practice if counties have more participants than eligible for team selection. Team representatives from each county may be chosen in any manner satisfactory to the county 4-H program. (Only Advanced team members are eligible for State Team selection.)

### SUGGESTED GUIDELINES:

- Beginners – Individuals 1 - 3 years in the 4-H Plant Science Program.
- Intermediate – Individuals 3 - 6 years in the 4-H Plant Science Program.
- Advanced - Individuals 5 or more years in the 4-H Plant Science Program.

Specifics on the contest subject matter can be obtained from the *New York State Horticulture Study Guide for Youth* - (order the complete pack to get beginner, intermediate and advanced materials) available at [://blogs.cce.cornell.edu/nys4h/](http://blogs.cce.cornell.edu/nys4h/) or contact Susan Beebe, State Leader for NJHA for NY, 50 West High St., Ballston Spa, NY 12020 [skb11@cornell.edu](mailto:skb11@cornell.edu) ph. (518) 885-8995.

### CONTEST ELIGIBILITY:

- Contestants must be at least 8 years of age by January 1<sup>st</sup> of current club year and in the third grade or higher and not have reached their 19<sup>th</sup> birthday prior to January 1 of the current year.

- To be eligible for selection as a member of the state team, contestants must be at least 15 years of age by December 31 of the current year.

**AWARDS:**

- Participants will receive certificates and participation ribbons.
- Four top scorers in each level will receive a rosette.
- Top team in each level will receive a plaque with individuals receiving blue ribbons.
- The top individual scorers (of eligible age) will be invited to join the New York State Team.
- A total of \$600 is allocated to the New York State Team going to the Nationals to help defray the cost.

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| <b>GENERAL INFORMATION FOR HORTICULTURE EXHIBITS</b> |
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- Exhibitor must fully complete at least one Exhibitor Information Statement including questions for at least one project in each division.
- Exhibitors are to keep comments to the space provided on the Exhibitor Information Statement (EIS) card.
- If entering more than one exhibit in a division you must complete the Exhibitor Information section on the EIS card for each additional exhibit. **On the EISs without questions answered, identify on which exhibit the completed questions are located. For example: “Questions answered on carrot exhibit”.** You may exhibit one entry per class except where noted.
- **Participants are encouraged to work together as groups to create exhibits.**
- Individual exhibits are also acceptable.
- Judges will consider number of participants so that group projects will be evaluated appropriately.
- Age, experience and standards listed in related 4-H publications, as well as content and quality, will be considered in evaluating criteria.
- Project resource materials listed are for suggestions only. Use your imagination for other ideas. For more information and ideas, check the website:  
<http://blogs.cce.cornell.edu/nys4h/>.
- Endangered species are not allowed in any exhibit.
- Only classes 25, 26 and 27 of Floral Design may use purchased or wild flowers.

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| <b>DIVISION 1 -- PLANT COLLECTIONS</b> |
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Developing a plant collection will help youth to learn to recognize and identify different plant species.

A. *Preserved*

- Plants must be pressed, dry, mounted and labeled. To press plant material, it is best to use the method described in: Pressed Flower Pictures (1982), 141-IB-34, find at <http://blogs.cce.cornell.edu/nys4h/>, or as described by a person who has experience collecting plant material.
- A clear protective overlay is helpful for many, but not all exhibits.

- Weeds and other specimens mounted green (not pressed or dry) will not be evaluated.
- Collections of plants may be on one side of ONE PIECE of poster board or like material, 22 x 28 inches in size, or in notebook binders with single specimens on pages 8 1/2 x 11 inches.
- Scrapbooks of accumulating years should have dividers between years. Current year's exhibit should be clearly marked. Current year exhibit will be judged.
- List sources used to identify plants and plant materials.

**Class No.**

1. **LEAF, TWIG** (and fruit, flowers and seed, if possible) **OF TEN OR MORE ORNAMENTAL TREES.**

**Class No.**

2. **LEAF, TWIG** (and fruit, flower and seed, if possible) **OF TEN OR MORE ORNAMENTAL SHRUBS.**
  3. **LEAF, TWIG, AND ILLUSTRATION** of fruit or nut, of ten or more fruit or nut plants.
  4. **TEN WEEDS** common to lawns and flower beds.
  5. **TEN ANNUAL FLOWERS**
  6. **TEN PERENNIAL FLOWERS**
  7. **TEN WILD FLOWERS**
  8. **TEN SEEDS** (any single plant type, e.g., 10 ornamentals, 10 fruits, etc.)
    - Clean and dried (not green) Seeds must be harvested by exhibitor.
    - A picture of plant must accompany seeds.
    - List growing conditions required.
  9. **MISCELLANEOUS COLLECTION**
    - Entries will be judged according to similar project criteria.
- B. *Horticulture Scrapbook* (Collection of plant pictures)
- May be cut from magazines or garden center catalogs, illustrated by your own drawings, photographed or photocopies.
  - Write in the front or back of the catalog where your images came from if you did not make them yourself (for example: *Pictures are from W. Atlee Burpee 1998 seed catalog*).
  - This scrapbook makes an excellent study guide for the Horticulture Contest.
  - Each plant should be represented on its own 8 1/2 x 11-inch page.
  - Catalog will be worth more if the picture (or perhaps more than one picture) shows different stages of growth (fruit and leaf, vegetable and flower, flower and leaf).
  - Fasten pictures with clear tape, paper glue or rubber cement.
  - Pages must be bound in notebook binder.

- Label with common name and brief description. Consult *NY Horticulture Contest Guidelines* for the plants required in each class.
- Beginners must include the 15 plants specified from each group—flowers and indoor plants; ornamentals; fruits and nuts, vegetables.
- Intermediates must include the 30 plants from each group
- Advanced participants must include all 45 plants from each group.
- *NY Horticulture Contest Guidelines* are available from your 4-H Cornell Cooperative Extension Educator or at <http://blogs.cce.cornell.edu/nys4h/>.

#### 10. BEGINNER

#### 11. INTERMEDIATE

Class No.

#### 12. ADVANCED

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| <b>DIVISION 2 -- EXPERIMENTS</b> |
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The intent of this division is to generate an interest among young people in a science-based approach to horticulture. **Guidelines and suggestions for the exhibitor working with plants:**

Both how you plan your experiment and the final description for your display should include the following sections:

- **Background.** Describe why you did this experiment and why it is important to you and other people?
- **The Question** (or hypothesis). What specific question does your experiment try to answer? For example: “Does watering geraniums with coffee increase their growth?”
- **Methods.** Outline how you did the experiment. Be sure to include:
  - a) **Treatments.** Describe specifically what you are comparing as treatments. Remember that you should have a check treatment (what is usually done) and the ‘test’ treatment. From the above question: Check = watering with water, and treatment = watering with coffee.
  - b) **Measurements.** Describe what you are measuring (weight, height, etc.) and why. Include observations of the plants over the course of the experiment.
- **Results.**
  - a) What did your measurements tell you about the treatment compared to the check? Was there a difference and if so, why do you think so? Use tables, graphs or pictures to share what you learned.
  - b) What other things did you notice in your observations?
- **Conclusions.** What did you learn? What is important about your results to other people? What would you suggest to someone else, based on what you learned?

**THE DISPLAY** should be interesting, attractive and neat, so that people will want to stop and learn about what you did. It should:

- include actual examples of treated and untreated plants, if possible, otherwise use drawings or photographs.

- On sheets of paper, describe your study using the above 5 sections.
- Use big print so that it is easy to read from 3 feet away.
- Glue these sheets, along with any photos or graphs to heavy poster paper (14" x 22" minimum) for display.  
"Strawberry Yields Forever"  
<http://blogs.cce.cornell.edu/nys4h/>.

4-H Fact Sheets are available from your 4-H Extension Educator.

### 13. PROPAGATION

### 14. BREEDING

Class No.

### 15. SOIL SCIENCE

### 16. CULTURAL PRACTICES

### 17. MISCELLANEOUS

- Entries will be judged according to similar project criteria.

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| <b>DIVISION 3 - GARDEN ENTRIES</b> |
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This division offers an opportunity to display a garden item and gives participants an occasion to show the products of their gardening efforts.

- Exhibits that require it, must be grown by the exhibitors in their **individual, family, school or community gardens**, unless otherwise noted..
- Individual may display 5 entries in any one class, except where the number of entries is stated differently. Each exhibit must be of a distinctly different variety type.
- Exhibits and awards will be evaluated based on standards below.
- Exhibit must be labeled with correct common name and variety name (i.e., snap beans, Blue Lake; or petunia, Red Picotee). **Otherwise, awards will be downgraded.**

- **Excellent** - clean; only very minor defects in general appearance; best market size and quality; true to varietal characteristics. For exhibits with more than one specimen: not more than 10 percent variation in sizes for fruits and vegetables and cut flowers; only slightly detectable variation, uniform in shape, color and degree of maturity.

- **Good** - clean; slight defects in general appearance; defective and unusable parts should not exceed 5 percent; good market size and quality. Exhibits with more than one specimen: not more than 25 percent variation in sizes for fruits and vegetables, and cut flowers; only slightly detectable variation in shape, color and degree of maturity.

- **Worthy** - fairly clean; some defects in general appearance; defective and unusable parts should not exceed 10 percent; fair market size and quality. Exhibits with more than one specimen—not more than 100 percent variation in sizes for fruits and vegetables and cut flowers; noticeable variation in shape, color or degree of maturity.

- **No Award** - dirty, serious damage apparent; defective and unusable parts exceed 10 percent; unsatisfactory market size or quality. Exhibits with more than one specimen — more than 100 percent variation in sizes for fruits and vegetables; extreme differences in shape, color or degree of maturity.

**18. VEGETABLES – UP TO 8 DIFFERENT ENTRIES MAY BE EXHIBITED IN THIS CLASS.**

- Beans, lima, 5 green pods, edible beans
- Beans, snap, green, 5 pods
- Beans, snap, yellow, 5 pods
- Beans, snap, pole or vining type, 5 pods
- Beans, green shell, 5 pods, any variety including edible soy, Horticultural, Kentucky Wonder
- Beans, dry shelled, 1/2 cup in container, dry field bean variety including mung, adzuki, fava
- Beets, 3, tops trimmed to 1 inch, no green shoulders
- Broccoli, 1 head or bunch of small heads, 5 inches or more in diameter
- Brussels Sprouts, 1-pint basket
- Cabbage, 1 head, 2 to 4 pounds, with 3 to 4 wrapper leaves, any fresh market variety.
- Carrots, 3, tops trimmed to 1 inch, no green shoulders
- Cauliflower, 1 head, leaves cut just above head
- Celery, 1 plant, market quality, roots off
- Chard, 1 plant, roots and damaged leaves off
- Chinese Cabbage, 1 head
- Chinese Cabbage, loose leaf, roots off, 1 plant
- Corn, Sweet, 3 ears, husks removed completely, shank trimmed to 1/2 inch, display in transparent bag
- Cucumbers, 2 slicing types, 5 inches or longer, 2 inches or less in diameter
- Cucumbers, 3 pickling type, 3 to 5 inches
- Cucumbers, 5 pickling type, less than 3 inches
- Dill, bunch of 6 seed heads, tied or in transparent bag
- Eggplant, 1 large oval and oblong types such as Black Beauty, Black Magic, Black Enorma, Dusky
- Eggplant, 2 small, slender and round types such as Easter Egg, Ichiban, Long Tom, White Beauty
- Endive, 1 plant, roots off, good market size
- Garlic, 3 bulbs, dried, braided together or tops trimmed to 1 inch, cleaned, not peeled
- Herbs, any kind, plant in pot or tied bunch
- Kale, 1 plant, roots off
- Kohlrabi, 2, tops and tap root trimmed to 2 inches
- Leek, 3 large, trimmed
- Lettuce, leaf, 1 plant, roots off, good market size
- Lettuce, head, 1 plant, roots off, good market size
- Muskmelon and honey dew melon, 1 good market quality
- Mustard, 1 plant, roots off
- Okra, 4, 1 1/2 to 3 inches long
- Onions, bulbs, 3 tops trimmed to 1/2 inch, well cured and dried, not peeled

- Onions, 6, green bunching type, tops on but trimmed evenly
- Parsley, 1 plant, roots off, good market size and quality
- Parsnips, 3 tops trimmed to 1 inch
- Peas, 5 pods
- Peppers, 2, large types such as Bell, Cubanelle, Italian Sweet
- Peppers, 3, small types such as Banana, Hungarian Wax, Cherry, Jalapeno
- Potatoes, 3 tubers, 5 to 10 ounces
- Potatoes, 1 pint basket, salt potato types, 3/4 to 1 1/4 inch diameter
- Pumpkin, 1, ripe, any variety
- Radish, 1 pint basket, tops trimmed to 1/2 inch
- Rhubarb, 4 stalks, tops trimmed
- Rutabaga, 1, tops trimmed off
- Shallot, 3, tops trimmed to 1/4 inch, dried, not peeled
- Spinach, common, 1/2 pound in transparent bag
- Spinach, New Zealand, 1/2 pound, bunch or tender tips 3 to 6 inches, tied or in transparent bag
- Squash, summer, 2, young, skin tender, such as zucchini, yellow, scallop
- Squash, winter, 1, any large types such as Hubbard, Delicious, Banana
- Squash, winter, 2, any small types such as Buttercup, Butternut, Spaghetti, Table Queen, Golden Nugget
- Squash, 1, soft and round stem, such as Big Max, Big Moon, Mammoth
- Sweet potatoes, 3 roots, any variety
- Tomatoes, 3, ripe, stems off, medium and large fruited varieties including Roma types
- Tomatoes, cherry ripe, 1 pint basket, stems off, also Presto and small fruited types
- Turnips, 3, tops trimmed to 1 inch
- Watermelon, 1 mature, market size
- A collection of 3 related types, such as 3 varieties of pepper, or 3 vegetables that appear in an ethnic cuisine
- Miniature Vegetables, 6 of one type, harvested at small or baby stage
- Ornamental Vegetables, 3, such as miniature pumpkins, gourds, decorative corn; ornamental kale (1 specimen)
- Heirloom Vegetables, any variety from the Heirloom Garden bulletin, exhibited in same manner as other vegetable classes
- Miscellaneous, any other vegetable not listed, display same number of specimens as similar crop listed

**Class No.**

**19. VEGETABLE ART**

- Vegetable character
- Sculpture
- Geometric design
- Neatness of assembly
- Number of Horticulture products used
- Imaginative use of plants and plant materials
- Overall appearance

**20. CUT FLOWERS – UP TO 8 DIFFERENT ENTRIES MAY BE EXHIBITED IN THIS CLASS**

Consist of 3 stems with the same color blooms except as noted:

- Gladiolus - ONE spike with at least 12-inch stem & other large spikes
- Roses - ONE stem of the type entered.
- Dahlias - THREE blooms of one color, or ONE bloom if over 6 inches.
- Any bloom 6” or larger – show ONE specimen, such as a 6”+ sunflower or dinnerplate dahlia.

For more information on culture, consult: Gardens of Fabulous Flowers (1992), 141-L-9, available at ://www.cerp.cornell.edu/4h/.

- Stems should be eight inches long, except where type of flower makes this impossible.
- Flowers that do not last as cut flowers (daylilies, hollyhocks, impatiens, portulaca, etc.) may not be entered.
- Blooms of weeds, wild flowers and shrubs will not be evaluated. If you would like to show a weed (or wildflower) you should enter it as a “Methods” project (Class 31, Example: How to grow wild geranium for cut flower) or as an “Experiment” (Class 13, 14, 15 or 16) where you might evaluate a weed for use as a cut flower.
- You may provide your own disposable container.
  - Aster (annual)
  - Bachelor Button
  - Calendula
  - Chrysanthemum (any form)
  - Dahlia
  - Flowering Tobacco
  - Gladiolus
  - Larkspur
  - Marigold
  - Delphinium
  - Asiatic Lily (one stem)
  - Nasturtium
  - Ornamental Grass (foliage and fully developed seed head)
  - Phlox-annual
  - Rose
  - Petunia
  - Cosmo
  - Cleome
  - Rudbeckia (Coneflowers, Black-eyed Susan)
  - Snapdragon
  - Statice (fresh, not dried)
  - Stock
  - Strawflower (fresh, not dried)
  - Sunflowers
  - Sweet Peas
  - Zinnia
  - Zinnia, large, over 4”
  - Daisies
  - Pansies
  - Viola
  - Carnation
  - Miscellaneous, any other cut flower not listed, annual or perennial, display the same number of specimens as similar crop listed.
  - A collection of 6 (six) garden cut flowers, not used in other cut flower entries. One (1) specimen of each variety. Flowers named and variety listed. No wildflowers, weeds or shrubs.

**Class No.**

**21. INDOOR GARDENING**

- Please list plants and plant materials used.

- All items should follow recommended guides of balance, design, proportion and harmony.
- No artificial or plastic plant materials allowed.
- Ribbon and bows as part of the design are allowed.
- Entries must be grown in display container prior to June 1 of the current year
- Dish garden
- Terrarium or closed eco system – no endangered species allowed.

**Class No.**

**22. INDOOR GARDENING: HOUSE PLANTS**

- Houseplants must be a single stem or crown in proportional container.
- No artificial or plastic plant materials allowed.
- Please list plant name.
- Entries must be grown in display container prior to June 1 of the current year..
- Potted house plant - flowering
- Potted houseplant - foliage
- Potted house plant - vine
- Potted houseplant - hanging container. More than 1 plant accepted.
- Miniature houseplant - 2 1/4"-3" pot maximum. Example, miniature African violet

**23. CONTAINER GARDENS**

- No artificial or plastic plant materials allowed.
- Appropriate container and plant combinations.
- Please list plants included in container.
- Entries must be grown in display container prior to June 1 of the current year.
- For container gardens not applicable to Division 4, Class 30 (Horticultural Methods - Container Gardening).
- Perennial annual, vegetable, ornamentals.

**WINDOW BOX CHALLENGE & ARTISTIC DESIGN OPPORTUNITIES**

There is an opportunity for youth to show window boxes in the Youth Open Window Box Class in the Horticulture Building during the second time period. There is no entry fee. Also available to youth are the Artistic Design Classes. There is a \$6.00 entry fee to enter these classes.

Both of these opportunities require pre-registration. Call Claudia Hitt – 4-H Horticulture Youth Superintendent at (607) 753-5224 for further info OR you may enter on-line or download the open forms at [www.nysfair.org/competitions](http://www.nysfair.org/competitions).

**24. FRUITS AND NUTS**

- All fruits and nuts must be cared for by exhibitors.
- Nuts grown in the previous year may be entered.
- For more information on culture, consult: "Strawberry Yields Forever" - a day neutral strawberry 4-H project, available at <http://blogs.cce.cornell.edu/nys4h/>. Other publications at this website may be useful.
- Apples, 3, ripe, any single variety

- Apricots, 5, ripe
- Blueberries, 1 pint
- Cherries, 1-pint basket, with stems, any single variety
- Elderberries, attached to cluster, 1 quart
- Grapes, 1 bunch
- Nectarines, 4, ripe
- Peaches, 4, ripe
- Pears, 3, ripe, with stems, any single variety
- Raspberries, 1/2 pint, any single variety
- Strawberries, 1 pint, caps on
- Other: minor fruits such as quince or persimmon, 4, ripe
- Miscellaneous - any fruit not listed, display same number of specimens as similar crop listed
- Nuts, all-ripe, dry, unshelled, 1 pint, any single variety
- A collection of 3 types, such as 3 different varieties of apples

**Class No.**

**25. FLORAL DESIGN**

- List plants
- Dry or fresh flower corsage in transparent bag.
- Table arrangement of live or dry plant material - not over 12" in diameter and under 8" in height.
- Holiday decoration of live, dried or natural plant materials - no more than 18" in diameter or 24" long.
- Plaque of dried or pressed plant material; includes other craft projects made with *real* plant material (e.g. floral pictures).
- Large Arrangement of live or dried plant material – for arrangements over 12" in diameter and over 8" in height.

**26. MINIATURE ARRANGEMENT**

- Arrangement of fresh or dried flowers
- Less than 6" in height and diameter – including container
- List plants used.

**27. OPEN CLASS EXHIBITS**

- Exhibits deemed worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H Educator.
- List plants used.
- Exhibits will be judged according to similar project criteria.

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| <b>DIVISION 4 -- HORTICULTURAL METHODS</b> |
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This division gives young people a chance to an interesting, different approach to growing plants. This enhances gardening skills and encourages the participant to think creatively.

- **Because of the difficulty of reproducing some of the horticultural methods for exhibiting purposes, a poster or poster series format may be used.**
- Use heavy poster paper (14" x 22" minimum) as a background.
- Glue or tape photos and diagrams, along with sheets of white paper that include your description within these sections: 1) *introduction*, 2) *growing method used*, 3) *what you learned or discovered*.
- Instead of a poster, an exhibit of the method itself (such as a small hydroponics set-up) can be displayed.
- For ideas and information consult the website: <http://blogs.cce.cornell.edu/nys4h/>.

**Class No.**

**28. HYDROPONIC GARDENING**

**29. SEASON EXTENDER METHODS**

**30. PROPOGATION**

**31. MISCELLANEOUS - ANY HORTICULTURAL METHODS NOT LISTED**

- Entries will be judged according to similar project criteria

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| <b>DIVISION 5 -- LANDSCAPE PICTURES AND PLANS</b> |
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This division is a category in which youth can display what they have learned about the elements of design and how plants can be grouped effectively for ornamental or edible purposes. It also offers an opportunity to display their garden record keeping..

- All collections, pictures and plans will be enhanced by a clear, protective overlay.
- Markers, colored pencils or paints may be used to embellish the landscape plan.

**32. HOME GROUNDS LANDSCAPE PHOTOGRAPHIC ALBUM**

- Must have at least six "before" and six "after" pictures of current year's work.

**33. PLAN OR MAP OF HOME GROUNDS**

- Drawn to scale.
- Show things as they were at beginning of project.
- A second map, with suitable and necessary notes, showing changes and improvements made.
- In different colors, show changes and improvements yet to be made.
- Indicate direction north on plan.
- See "Young People's Guide to Landscaping." At <http://blogs.cce.cornell.edu/nys4h/>.

**34. PLAN OR MAP OF APARTMENT DWELLING**

- Drawn to scale, showing grounds as they are currently.
- A second map, showing proposed changes that would improve existing grounds.
- Where ground space is unavailable, a terrace or porch garden of containerized plants can be depicted.
- Indicate direction north on plan.

**Class No.**

**35. PLAN OF ANNUAL AND/OR PERENNIAL FLOWER GARDEN**

- Show varieties, name, placement, height and color.
- Use scale no smaller than 1 inch equals 4 feet.
- Indicate direction north on plan.

**36. PLAN OF HOME ORCHARD** (tree fruit and/or berry crops)

- Show varieties, name, placement, height and time of fruiting.
- Use scale no smaller than 1 inch equals 4 feet.
- Exhibit should indicate current year's work. Current year's work will be judged.
- Indicate direction north on plan.

**37. PLAN OF HOME VEGETABLE GARDEN**

- Show varieties, name, placement, height and approximate harvest times.
- Succession of plants may be indicated by a tracing paper overlay.
- Use scale no smaller than 1 inch equals 4 feet.
- Indicate direction north.
- 

**38. PLAN OF COMMUNITY SERVICE BEAUTIFICATION PROJECT**

Helpful information may be found at <http://blogs.cce.cornell.edu/nys4h/>.

**39. GARDEN RECORD BOOK**

- List plants chosen and varieties
- List reason for selection
- Garden design sketch, including lay-out, dimensions, and spacing
- Indicate direction north
- Photos showing before and after are helpful.

**40. HORTICULTURE OPEN CLASS**

- Class is an option for exhibits deemed by the County to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.
- Entries will be judged according to similar project criteria.
- Horticulture posters that do not qualify for other Horticulture classes may be entered here.

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| <b>DIVISION 6 – FIELD CROPS</b> |
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**41. FIELD CROPS**

- Sample of hay must be well cured, not moist.
- Grasses, legumes and silage crops will be judged on the basis of their values as forage or silage.
- Exhibits should be displayed in either tightly packed, clean baskets or slice of bale with approximately dimension 8 x 10 x 14, or as described.
  - Oats – 1 peck
  - Wheat – 1 peck
  - Any other small grains

- Field corn – 3 ears
  - Haylage – quart jar with mixture names on entry card
  - Corn silage – quart jar with mixture names on entry card
  - Alfalfa
  - Clover
  - Birdsfoot trefoil
  - Timothy
  - Mixed hay –state mixture on entry card
  - **Feeds suitable for a 4-H animal project. Project must be specified, feed sampler attractively displayed on a board. Nutritional value and use of each sample must be described.**
- Miscellaneous entries will be judged according to similar project criteria.

## Section G -- ENVIRONMENTAL EDUCATION

### Diana Bryant, Superintendent

- **All exhibits in Section G are required to include, in addition to the completed green Exhibitor Information Statement, a project story (essay) on a separate sheet of paper, stating: why your project was interesting to you, its relevance to natural resources and/or environmental education, and detailing information you learned and how the project might be used.** For example, if the exhibit is a bluebird box, the essay may include, why you chose the project and what made it interesting, explain what about the box makes it a good home for bluebirds, or observations/plans you might have to learn about bluebird behavior, why should people use bluebird boxes, how does this project relate to the environment or natural resources, and include what you learned while doing the project. You might also include how the project will be used.. **If the project story does not accompany the exhibit, the exhibit will not receive a maximum grade.**
- Exhibits showing processes, products, skill development, and relevance to environmental/natural resource issues are strongly encouraged. Overly simplistic or non-interpretive exhibits will receive less recognition.
- Exhibits will be evaluated on the basis of their content, quality of expression and presentation. Creativity is encouraged as is display of materials showing observational skills, e.g. journals or sketchbooks. Age, experience and standards listed in appropriate 4-H publications will be included in the judging criteria.
- 4-H Publications that appear are available through Cornell Cooperative Extension in the Department of Natural Resources, phone: (607) 254-6556; e-mail: cce-nat-res@cornell.edu.

#### Class No.

##### 1. ENVIRONMENTAL EDUCATION

- Nature Trails - e.g. Display of 4-H constructed nature trail or observation made along another nature trail.
- Geology - Simple collections must include the specimen's names, dates of collection, specific site(s) of collection (distance and direction to nearest town, county, state or province) and collector's name for 15 specimens. Inclusion of field

journals is strongly encouraged and identification criteria must be completely and clearly defined. Exhibits showing evolutionary histories, adaptations of fossil organisms, vertical or horizontal studies of strata, or similar studies are encouraged.

- Field Identification Projects - **Please note that wildflowers are evaluated in Section F - Horticulture, Fungi in Section H, - Plant Pathology, and Insects in Section I - Entomology.** Collections of preserved specimens, photographs or sketches properly labeled and showing identification criteria may be displayed for any habitat in New York. Consult your local Department of Environmental Conservation for guidelines and permission in collecting specimens from the wild. Consult *Field Guides Made Easy* for additional activities and ideas.
- County- or self-initiated projects that relate to environmental education. Examples include but are not limited to: interpretation of aerial photographs; vegetation maps; plant adaptations; demonstrations of ecological principles; or computer models like GIS. Transfer of display ideas and concepts from other project areas is encouraged.

#### Class No.

### 2. FISHERIES AND AQUATIC RESOURCES.

- Exhibits may be displays or records of any Fisheries and Aquatic Resources related activity including but not limited to fishing techniques, aquatic sampling methods, aquatic insect ecology, habitat improvement or fisheries management and biology. Other fishing projects may be found in 4-H Publications.
- Water monitoring - project ideas may be found in *Water Worlds, Water Wise, Pond & Stream Safari*.
- County or self-initiated projects related to fish or fishing, including mariculture, aquaculture, commercial fisheries, sport fisheries or related equipment, skills or observations.

### 3. FORESTRY

- Displays and presentations may be based upon, but are not limited to, the following projects: *Know Your Trees, Timber Management for Small Woodlands (IB 180); Wildlife and Timber from Private Lands: A Landowners Guide to Planning (IB 193); Woods of New York, Trees: Dead or Alive, Know Your Tree Diseases, Maple Syrup Production for the Beginner*; and other forestry exhibits based upon national, regional, county or self-initiated projects.

### 4. RESOURCE-BASED RECREATION

- Shooting Sports – any exhibit or record based upon content of the NYS Shooting Sports Programs or any of the New York State DEC certification programs.
- Other Outdoor Recreation - Exhibits based upon related outdoor recreation activities, e.g. orienteering, cross-country skiing, snowshoeing, wilderness camping, or outdoor cookery.

### 5. WILDLIFE

- Bird Study - Consult *Bluebirds of New York, Birds of Prey, Introduction to Bird Study*, or any other bird materials for exhibit ideas. Bluebird houses will be judged using the criteria from *Bluebirds of New York*. **Please note, if a birdhouse is completed as a Wood Science project, it should be entered in Section J Science, Technology & Engineering.**

- Habitat Improvement - Consult *Wildlife Habitat Enhancement, Enhancement of Wildlife on Private Land, Managing Small Woodlots for Wildlife* for exhibit ideas.
- Trapping Furbearers - Exhibits based upon the NYS DEC Trapper Training Program are acceptable, as are displays of equipment, pelt preparation, and discussions of the role of trapping in wildlife management.
- Other Wildlife Projects - Exhibits based upon New York's wildlife resources, *Environmental Awareness: Wildlife, Managing Small Woodlots for Wildlife; Wildlife Discovery, New York's Wildlife Resources (fact sheets), and Wildlife in Today's Landscapes*. County projects or self-initiated projects are acceptable. A good source of potential project is the 4-H Forestry and Wildlife Invitational.

**Class No.**

**6. SOLID WASTE**

- Exhibits based on recycling or composting projects in the home or community.
- Clothing, crafts and other items created using post-consumer waste materials. Consult *Composting: Wastes to Resources; Wastewise; Woodsy's Resource Goldmine, Recycling in Your School Makes Good Sense; or Recycling: Mining Resources From Trash, or Composting in the Classroom* for exhibit ideas.

**7. OPEN CLASS**

- This class is an option for exhibits deemed by the County Youth Educator to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator. This class is also expected to follow the project story requirement listed at the beginning of this section.

Please remember in addition to the completed green Exhibitor Information Statement, all exhibits are required to include a project story on a separate piece of paper (see All exhibits in Section G are required above).

## Section H -- PLANT PATHOLOGY

**Sandra L. Jensen-Tracy, Superintendent**

- Each exhibit must be accompanied by an Exhibitor Information Statement.
- 4-H Publications that appear in italics are distributed through Cornell Media Services, unless noted otherwise.

|                                |
|--------------------------------|
| <b>GENERAL PLANT PATHOLOGY</b> |
|--------------------------------|

**Class No.**

**1 LEAFSPOT COLLECTION BOOKLETS OR PLANT PATHOLOGY EXHIBITS**

- As described in *Know Your Plant's Disease*, and *Know Your Tree Diseases*, leaf disease notebooks or diseased plant specimens in Riker mounts may be exhibited.
- Other plant pathology exhibits based upon regional, county or self-initiated projects, or other exhibit ideas.

### VEGETABLE INSECT AND DISEASE CONTROL EXHIBITS

**Class No.**

**2. INSECT AND DISEASE MANAGEMENT ON VEGETABLES PROJECTS**

- Must exhibit a 4-H member's experience in and knowledge of this subject matter. Exhibits derived from these projects should include one of the following:

a) A display of preserved plant specimens, either pressed, dried or otherwise preserved in as life-like form as possible, exhibiting symptoms of insect injury or plant disease.

Where possible, the insect which caused injury should be properly mounted and included in the display. All specimens should be labeled as follows: vegetable name; insect or plant disease name; date specimen collected; collector's name and county.

At least fifteen plant specimens should be included, depicting different insect or disease problems. Evaluation will be primarily weighted toward originality of display.

b) A poster display showing the layout of your garden and indicating specific steps taken to manage pests within the past year or two. A record book may be presented indicating dates on which problems were observed, treatments were utilized and observations were made as to the effectiveness of these treatments. This poster should attempt to teach those who examine it the principles of pest management. Photographs, drawings and other visual aids may be used. Evaluation will be based on the member's understanding of the subject and effectiveness of the poster as a teaching aid.

### FUNGUS COLLECTIONS

**3. FUNGUS COLLECTIONS**

- Fun With Fungi - Fungus Collections must have a minimum of 12 distinctly different kinds of fungi (at least one gill fungus, one pore fungus and one bracket fungus). For full credit the dried collections should contain spring, summer and autumn specimens and be labeled in the manner described in *Fun With Fungi*. Displays should attempt to exhibit knowledge gained about fungi and their role in the environment. Collection boxes should have removable covers to allow close examination of each specimen during judging.
- Photo Exhibits - Photographs of fungi may be displayed according to the General Information in the Visual Arts Section. Fungi in photos must be identified by their common name and/or scientific name. Include with the title or caption the date and location of the photo.

Suggestions include:

- a) Photograph of a single fungus or group of fungi.
- b) A collection of three or more photographs of different fungi.
- c) 4 close-up photographs, taken hours, days or weeks apart, showing the growth and development of the same mushroom.
- d) 3 photographs taken one each during spring, summer and fall. Or 4 photographs including one in winter.

**Class No.**

**4. PLANT PATHOLOGY OPEN CLASS**

- Class is an option for exhibits deemed by the County Youth Educator to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

**SECTION I -- ENTOMOLOGY**

**Carolyn Klass, Superintendent**

Insect specimens must be properly mounted and displayed and have complete collection data. Suggested display case described in 4-H Entomology Project Guide (available through your Extension 4-H Educator) or museum size insect drawers or polystyrene insect cases covered with clear plastic sheets. Exhibits incorrectly prepared will not be evaluated.

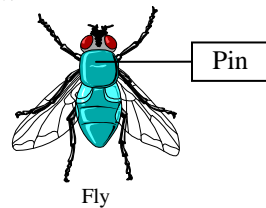
**GROUP A. GENERAL INSECT COLLECTIONS**

**1. FIRST YEAR PROJECT EXHIBITS**

- Must include a minimum of 20 specimens representing 5 insect orders.
- Classification need not be taken further than *order* names.
- Insects should be pinned properly and the wings of all butterflies and moths must be spread.

**2. SECOND YEAR PROJECT EXHIBITS**

- Must include a minimum of 40 specimens representing 9 insect orders.
- Twenty specimens must have been collected during the current year.
- Twenty specimens must also be identified to common name with the name written on a label and pinned separately near the specimen (easily visible, to aid in judging) as shown in the sketch below:



- Addition of scientific names is optional in this class.
- Insects should be pinned properly and the wings of all butterflies and moths must be spread and at least one small insect must be mounted on a point or minuten pin.

**Class No.**

**3. THIRD YEAR PROJECT EXHIBITS**

- Must include a minimum of 60 specimens representing 12 orders.
- Thirty specimens must have been collected during the current year.
- Thirty specimens must be identified to common name.
- At least 5 specimens (representing at least five families) must be identified to family.
- Scientific names (genus and species) should be included wherever possible, although insects from some orders will be difficult to identify to this level; common names should be placed on a separate label pinned near the specimen as in Class No. 2.
- Insects should be pinned properly and the wings of all butterflies and moths must be spread and at least two small insects must be mounted on points or minuten pins.

**4. FOURTH YEAR (AND BEYOND) PROJECT EXHIBITS**

- Must consist of general collections.
- Must include 80 specimens representing at least 12 orders.
- Forty specimens must have been collected during the current year.
- Forty specimens must be identified to common name.
- At least 10 specimens (representing at least 10 families) must be identified to their family. Scientific names should be included wherever possible. Common names should be placed on a separate label, pinned near the specimen as in Class No. 2.
- Proper mounting (pinned properly, wings of Lepidoptera spread spread, two small insects on points or minutens) will be strongly emphasized.

|   |
|---|
| <b>GROUP B. ADVANCED INSECT COLLECTIONS</b> |
|---|

- For advanced collections Riker mounts may also be used.
- Complete collection data should accompany all exhibits (where collected, date, and by whom?); can be placed on back of exhibit as long as the evaluator can tell which label goes with each specimen. If you exchange specimens, label as completely as possible, giving location (country, state or province, nearest town), date collected; name of collector; plus any ecological information available such as plant or insect host, habitat, etc.
- Membership in the Young Entomologists's Society (Y.E.S.) will enable young people to exchange specimens from all over the world.
- Imagination and individuality are encouraged.
- The rules for mounting, as set up for general collections, do not have to be followed, if, by doing so, the advanced collection can be enhanced. The scientific aspects and educational value, appearance, quality and arrangement will be evaluated.
- The Exhibitor Information Statement should contain educational value to you (what you learned) as well as what you see the educational value to others to be.

**GROUP C. PHOTO SLIDE COLLECTIONS**

**Class No.**

**5. PHOTO SLIDES**

- Pictures must be on 2" x 2" slides.
- Minimum of 5 slides; maximum of 10.
- Slide subjects must be identified by common or Latin name.

**GROUP D. CLUB and COUNTY EXHIBITS**

**6. SINGLE COLLECTIONS prepared by the combined efforts of a club.**

- May be any kind of insect collection or may represent a group activity that can be presented as an exhibit.
- Regional insect collections prepared for eventual donation to a museum may be entered in this class if prepared by more than one person; otherwise these should be entered under Class No. 4.
- Evaluation will be based on number of members and completeness of exhibit.

**GROUP E. EXHIBITS OF LIVING INSECTS**

**7. LIVING INSECT EXHIBIT**

- Exhibits must convey an educational message to the public and/or the educational opportunities in 4-H work in the field of Entomology.
- Exhibits are to be arranged by the county 4-H staff and members, and completed by the opening day of the county's time period. Those contemplating Class 8 entries must get approval from the Superintendent of Entomology, Section H.
- *Live educational exhibits* are encouraged. Possible exhibits including living adult butterflies, butterfly chrysalides from which the adults are emerging, caterpillars, ant farms and aquatic insects in water tanks. Showing of a living exhibit requires that the exhibitor be on hand to care for the needs of his or her "livestock" daily.
- Exhibits will be evaluated on: educational value; appearance; quality and arrangement.
- Those planning to prepare exhibits should first make arrangements with the Superintendent.

**CRITERIA FOR EVALUATION**

**GROUP A (1st, 2nd, 3rd yr. general collections)**

|   | Points |
|---|--------|
| 1. Order (15 pts.)  |        |
| a. Minimum Requirement  | 13     |
| b. Extra - one point for each two orders above required number<br>(Max of 2 pts.) | 2      |
| 2. Specimens (15 pts.)  |        |
| a. Minimum Requirement  | 13     |
| b. Extra - one point for 5 specimens above required number (Max of 2 pts.)        | 2      |
| *3. Identification (20 pts.)  |        |

|    |   |            |
|----|---|------------|
| a. | Minimum Requirement<br>(20 points for 1st year collections - no extra points for keying beyond order) | 15         |
| b. | Extra - one point for each specimen identified further than required<br>(Max of 5 pts.)               | 5          |
| 4. | Mounting and Labeling (45 pts.)   |            |
| a. | Pinning (10 pts.)   |            |
| 1) | Location of pin through insect  | 4          |
| 2) | Height of insects on pin  | 4          |
| 3) | Angle of insects to pin   | 2          |
| b. | Labeling (25 pts.)  |            |
| 1) | Readability   | 5          |
| 2) | Visibility (Height on pin, etc.)  | 5          |
| 3) | Proper data on labels   | 15         |
| c. | Spreading & Pointing (10 pts.)  |            |
| 1) | Spreading (10 pts. for 1st year collection - no pointing required)                                    | 5          |
| 2) | Pointing (using points or minuten pins)   | 5          |
| 5. | Arrangement, Neatness & Conditions of Insects (5 pts.)  | 5          |
|    | TOTAL   | 100        |
| 6. | Evaluator Bonus   | 5          |
|    | Bonus points will be given for collection where performance beyond above requirements has been shown. |            |
|    | TOTAL POSSIBLE  | <u>105</u> |

\*All specimens identified to genus or species should be accompanied by name of source used in identification. This should be *placed on the identification label, on a separate label, or on a small card placed inside the collection box.* No 4-H project records or loose papers (outside box) should accompany Group A collections.

|   |
|---|
| <b>GROUP B</b><br>(Advanced Insect Collections) |
|---|

|   | Points     |
|---|------------|
| 1. Proper labeling of specimens   | 40         |
| 2. Correct identification of both insects and plant<br>Material where applicable  | 25         |
| 3. Educational value  | 15         |
| 4. Proper preparation of specimens (pinning, setting<br>of wings, pointing, etc.) | 10         |
| 5. Originality of project and exhibit method,<br>arrangement, etc.                | 10         |
|   | <u>100</u> |
| TOTAL   | <u>100</u> |

**Class No.**

**8. ENTOMOLOGY OPEN CLASS**

- Class is an option for exhibits deemed by the County Youth Educator to be worthwhile but fall outside the categories described above. The decision to bring such exhibits is left to the discretion of the Extension 4-H educator.

**9. \*\*NEW CLASS\*\* HONEY BEE/APICULTURE EXHIBITS**

- Honey – 1 pound container
- Bee/Honey products made from Beeswax – Examples: candles (at least 2), lip wax
- Display/Poster – Individual or Group – a series of posters/photos or three dimensional exhibit representing any aspect of Beekeeping. Examples: equipment, disease, bee colony management.
- Project Record Book for 4-H Beekeeping Project.
- See Group E for live exhibits. Exhibitor will be responsible for care and supervision of any live exhibit.

## Section J – SCIENCE, ENGINEERING and TECHNOLOGY

### Allen Woodward, Jr. - Superintendent

- Articles in this section must be made and selected according to standards from project curriculum, State 4-H Club Management and Volunteer Leader Handbook plus CCE Risk Management Guidelines.
- Articles in this section must have been made and selected during the current project year.
- If power tools are used by youth in making projects, youth must be 12 years or older.
- Up to three articles per class per member may be entered (Classes 1-6).

#### WOOD SCIENCE PROGRAM

##### Class No.

##### 1. WOOD SCIENCE PROJECT

###### *Hand Tool Division:*

- Article made in a Wood Science Project that was cut out, assembled and finished with hand tools only.

###### *Power Tool Division:*

- Article made in a Wood Science Project that has been partially or totally completed with power tools.

###### *Kit Division:*

- Article made in a Wood Science Project that is made from materials pre-cut by an outside resource (i.e., 4-H office, commercial supplier or woodworking leader) but is assembled and finished by the exhibitor.
- Judges will place emphasis on the quality of workmanship performed by exhibitor.
- No commercial names on exhibit.

Note: Birdhouses entered in Class 1 will be evaluated under Wood Science standards.\*

**\* In addition to completing the Exhibitor Information Statement, give an explanation of the project and its relevance to natural resources and environmental education. Superintendent may move birdhouse to the wildlife class under Environmental Education Section, if appropriate.**

**Class No.**

**2. WOOD SCIENCE/SHOPWORK OPEN**

- Article made in Wood Science Project that does not fit in above categories.
- Judges will place emphasis on quality of workmanship by exhibitor and the intended use of the project.
- Exhibits to be entered in this division will be at the discretion of the Extension 4-H Educator.

ELECTRICAL SCIENCE PROJECTS

**3. ELECTRICAL SCIENCE PROJECTS**

*Electric Division:*

- Article made in an Electric Project, such as a trouble lamp, test lamp, portable bench light, extension cords, pin-up or study lamp, or the rewiring of an old lamp is acceptable.
- Tension restraint device must be in place. Where appropriate Underwriters Knot should be used, especially in lamp sockets.
- Due to safety code compliance, molded polarized and/or prefabricated cords with polarized plugs; where applicable are allowed.
- Lamps without bulbs or shades will not be considered complete and will be evaluated accordingly.
- Projects involving both woodworking and electrical tasks will be evaluated on the merits of both.

*Electronics Division:*

- Article made in an Electric Project utilizing principles and construction procedures relating to electronics is acceptable.
- Projects will be evaluated on the basis of soldering and connection techniques, neatness of assembly and other assembly procedures for electronic projects.
- Projects must be hand wired and no breadboard kits will be accepted.
- Project must be operable (i.e. contain all necessary batteries).
- **In addition to the Exhibitor Information Statement include a short explanation of why or how the exhibit works and what use it has.**

EDUCATIONAL DISPLAYS

**4. EDUCATIONAL DISPLAYS**

*A series of posters (at least 14" x 22") and/or a 3-dimensional exhibit related to an engineering science project.*

- Display should be self-explanatory through use of signs or labels and limited to approximately card table size.
- Topics may include such things as engine parts or bicycle parts display boards, electric circuit boards, electric quiz games, safety rules for bicycling or working in a wood shop or with electricity.
- Entry will be evaluated on the purpose or principle idea, effectiveness in illustrating one idea, appearance, arrangement and description of the display.
- Exhibit must be self-explanatory.

## ROCKET PROGRAM

### Class No.

#### 5. JUNIOR DIVISION

- Any rocket made in a Rocket Program either from a kit or non-kit materials and totally assembled and finished by a youth 13 years of age or younger.
- Evaluators will place emphasis on proper kit assembly and finishing.

#### 6. SENIOR DIVISION

- Any rocket made from non-kit materials and totally constructed and finished by a youth 14 years and older.
- Emphasis placed on proper construction techniques and finished project.
- *Kits may be used* when incorporated with other materials to meet the requirements of an *Educational Display* as outlined in Class No. 4.

## RELATED SCIENCE PROJECTS

#### 7. RELATED SCIENCE PROJECTS

*Any article made as a part of a directly related Engineering Science project, such as metalworking, cardboard carpentry, safety items and not included in Class 1 - 6.*

- Counties may enter only ten articles in this class.
- Kits not acceptable for Senior Division entries (14 years and over).

#### 8. SCIENCE EXPERIMENTS & EXHIBITS

An opportunity for participants to learn about and experience science concepts in an area of agriculture, human ecology or life sciences that the participant really enjoys.

- Individual or group entries are encouraged.
- Entries must follow Rules and Regulations of Youth Building Exhibit manual.
- EIS (Exhibitor Information Statement) must be attached to exhibit.

Any type or combination of the types of science projects below along with creativity is encouraged

#### *Experiments:*

- Describe your hypothesis (what you think will happen).
- Describe the procedures you performed.
- Describe the observations you made and what conclusions you drew from your experiment.
- Include photos or drawings and samples (if possible) from your experiment.
- If it is difficult to recreate the study for the exhibit, drawings or photographs are acceptable. Use heavy poster paper (14"x22" minimum) as a background. **Attach photos and diagrams, along with sheets of white paper that include your experiment description within these sections: 1) introduction; 2) hypothesis; 3) methods, 4) results; and 5) your conclusion.**

*Public Service Projects:*

- Exhibits can be of any public service or public education activity you took part in that had a scientific component to it.
- Watershed rehabilitation, recycling programs and educational models are just a few of the possibilities here.
- **Project exhibit posters must be clearly labeled with a written statement of what the project is, how it relates to science, and why you are interested in the project.**

*Descriptive Science:*

- Science projects which are not experiments and are not applied service projects, but do consist of systematic observations and tell us about the natural world.
- Exhibit could show summaries of what you observed (how the local bird population changes with the seasons, where flies like to breed in a barn, how many bites of food different animals eat per minute, etc.)
- Could present collections and classifications of materials which display physical or biological articles.

For a more complete description and judges score sheets for each type of project, see:  
<http://blogs.cce.cornell.edu/nys4h/>.

**Class No.**

**9. RELATED GEOSPATIAL SCIENCE PROJECT** –4-H exhibits that show skills and knowledge learned through 4-H GPS and GIS projects.

- **4-H GIS maps** – Maps made using ESRI (Environmental Systems Research Institute, Inc.) Arc View software or other mapping software. Criteria and Guidelines for Community Mapping Projects can be found on NYS 4-H web page at: <http://blogs.cce.cornell.edu/nys4h/>. GIS map exhibits may be selected for a National Display competition sponsored by CSREES and National Geographic Society. Copies of Evaluation sheets used to judge GIS maps can be found at above mentioned website – by clicking on “Evaluation” section.
- **GIS or GPS project or activity** undertaken by individual or group. Exhibit may be in the form of a project record book, photo documentation, video, CD, DVD or whatever. Exhibit must include project report documenting statement of purpose and outcome of project activity.
- **Story or Outline of a 4-H GIS or GPS Project** including photos, purpose of activity and summary or results.
- **Community Service/Youth Community Action Mapping Project.** A mapping or GPS project built around a specific community issue or project.
- **Educational Poster Exhibit** displaying 4-H GPS or GIS activities.
- **Public Presentation** on 4-H and Geospatial Science (see Public Presentation Program in Teen Leader Packet at: <http://blogs.cce.cornell.edu/nys4h/>).