



2010 Ontario County Fair
4-H Exhibit Fair Book-Building Exhibits

Tue July 27-Sat July 31

4-H Office: 585-394-3977 x 401

www.cceontario.org



**ONTARIO COUNTY 4H & OPEN FAIR PROGRAM
2010 TENTATIVE SCHEDULE**

Schedule subject to change without notice

TUESDAY, July 20 & WEDNESDAY, July 21

Open Class School Arts & Crafts, Adult & Youth Domestic Arts entries taken in the Mercantile II building at fairgrounds.....4 -8 pm

SUNDAY, July 25

Open Flower, Fruits & Vegetables entries taken in the Mercantile II building11-3:00 pm
4-H Exhibit Judging- all non animal exhibits judged at Wolcott Park 1:00-5:00 pm
4-H Club Booth Setup in 4-H Exhibit Building.....12:00-6:00 pm
Open Flower, Fruits, & Vegetable Judging in the Mercantile II building5:00 pm

MONDAY, July 26.

Barns open for animal exhibits.....9:00 am
Open Food entries taken in the Mercantile II building1:00-4:00 pm
Open Food Judging in the Mercantile II building.5:00 pm
Animal Exhibitor Meeting.....7:30 pm

TUESDAY, July 27 (Senior Citizens' Day).

Grange Booth Judging9:30 am
Animals in place12:00 pm
4-H Horse Show (English).....12:00 pm
Senior Citizen Ice Cream Social12:30 pm
Office for the Aging Q&A.....Noon – 7:00 pm
Senior Citizen Bingo @ Wolcott Park2:00 pm
Animal Exhibitor Meeting.....1:00 pm
Open Dairy Show3:30 pm
Midway Rides Open5:00 pm
Demo Derby (grandstand admission).....7:00 pm
Band ~ Workin Klass Outlaws @ Wolcott Park8:00 pm

WEDNESDAY, July 28 (Agricultural & Youth Day)

4-H and Open Rabbit and Cavy Show9:00 am
4-H Horse Show (Mounted Games).....10:30 am
Rooster Crowing Contest.....12:00 pm
Midway Rides "Pay-One-Price" \$12.001:00 – 5:00 pm
4-H Beef Show1:30 pm
4-H & Open Sheep Show5:00 pm
4 -H & Grade Draft Horse Show6:00 pm
Giant Ice Cream Sundae "Free" Sponsored by Catalpa Farm and Zemi Farm6:00 pm
Tonny Petersen's Hell Drivers Thrill Show (grandstand admission).....7:30 pm
Band ~ Flint Creek @ Wolcott Park8:00 pm
Open Dairy Exhibits released.....8:00 pm

THURSDAY, July 29 (4 -H Alumni Day)

4-H Dairy Show10:00 am
Rooster Crowing Contest.....12:00 pm
Open Beef Exhibits in place.....12:00 pm
4-H Alumni Baking Contest and Bake Sale.....2:00 pm
4-H Horse Show (Western Division).....3:00 pm
4-H Goat Show3:30 pm
Light and Heavy Horse Pull - Free3:30 pm
Midway Rides Open "Buddy Day" 2 ride for the price of one.....5:00 – 10:00 pm

4-H and Open Swine Show	6:00 pm
Antique Tractor Pull - Free	6:30 pm
Fast Ball Competition	6:30 pm
4-H Alumni Square Dance.....	8:00 pm
Band ~ Ruby Shooz @ Wolcott Park	8:00 pm

FRIDAY, July 30

4-H Horse Show (Gymkhana).....	10:00 am
Open Beef Show	10:00 am
Rabbit and Cavy Fun Time.....	10:30 am
Rooster Crowing Contest.....	12:00 pm
4-H Poultry Show	12:00 pm
Kiddie Rides Open	3:00 – 5:00 pm
4-H Meat Bird Judging.....	3:30 pm
Giant Ice Cream Sundae “Free” Sponsored by Ontario County Dairy Producers.....	6:00 pm
All Midway Rides Open	6:00 pm
“Bossy” Bingo	7:00 pm
Tractor Pull (grandstand admission)	7:00 pm
Followed by Fireworks.	
Band ~ CrossFyre @ Wolcott Park.....	8:00 pm

SATURDAY, July 31 (Youth Day)

4-H Livestock Judging and Skillathon Contest.....	9:30 am
Open Horse Show.....	10:00 am
4-H Dog Show.....	10:00 am
Horse Shoe Pitching Contest	10:00 am
Rooster Crowing Contest.....	12:00 pm
Tiny Miss & Little Miss Contest.....	12:00 pm
Midway Rides “Pay-One-Price” \$12.00	1:00 – 5:00 pm
4-H Animal Costume Class.....	1:00 pm
4-H Textile Revue.....	4:00 pm
County Rhythm Dancers	4:00 pm
Pedal Tractor Pull	5:00 pm
Demo Derby (grandstand admission).....	7:00 pm
Band ~ ShackWater @ Wolcott Park	8:00 pm

ANIMAL EXHIBITS RELEASED..... 5:00 pm
ALL 4-H & OPEN EXHIBITS RELEASED FROM BUILDINGS.....7:00 pm

~ Bands Nightly in Wolcott Park ~ ~ Midway Ride Specials ~

Ontario County Sheriff Demonstration
Ontario County Dairy Princess and Court

Ontario County Farm Bureau
Ontario County Fair Ag Awareness

~ Free Entertainment: ~

ROSAIRE’S ROYAL RACERS – Pig Racing
Shows daily. A whole lot of Hog gone fun !!

CORNELL COOPERATIVE EXTENSION
ONTARIO COUNTY - 4-H PROGRAM
Department S

ATTENTION EXHIBITORS - RULES AND REGULATIONS

1. Only youth enrolled in 4-H by January 1 of the current year are eligible to exhibit any animal or projects for premiums. If members have joined after January 1st, they may exhibit their projects as display only and they will receive a 4-H Participation ribbon. Please mark Participation Only on entry cards and vouchers and inform the 4-H staff.
2. In the event premium money is deleted or decreased from the New York State budget, premiums will be adjusted accordingly.
3. Only projects that have been completed during the current 4-H year are eligible to be exhibited in one of the following sections. The exhibits must be grown, made, or prepared by exhibitors and related to their 4-H projects. **NO WORK OR PROJECTS DONE IN OR FOR SCHOOL, SCOUTS, OR OTHER YOUTH GROUPS CAN BE EXHIBITED IN THE 4-H DEPARTMENT.**
4. **Advance entry sheets are required for all animal exhibits and club display areas only. Please pay close attention to the entry deadlines.** Animal entry forms are included in the fair entry information sent to members and are available in the 4-H office. Club display requests are sent directly to the club leaders. Extra forms may be obtained from the 4-H office.
5. All exhibits in this section will be governed by the state general rules and regulations that apply to other departments, except that no entry fee is required.
6. **All exhibits, except animal classes, are required to have an entry card securely attached.** Members are required to fill out cards completely prior to judging day. Entry cards can be obtained from the 4-H office. Note that some classes require additional information listed in the fair book section. This information is to be completed on the entry card and attached to the exhibit prior to judging. Read the entire section for the entry in the fair book carefully.
7. **4-H members must fill out a voucher sheet listing ALL their 4-H animal and building exhibits. Vouchers must be on file with the 4-H staff by the close of the fair to be considered for premiums for participating at the Ontario County Fair.** There will be a box in the 4-H building on the fairgrounds where all vouchers are to be placed. Vouchers can be obtained from the 4-H office prior to fair week. Cloverbud exhibitors should list their exhibits on a Cloverbud voucher and turn it into the 4-H office at the fair.
8. We appreciate the cooperation of parents with assisting 4-H members in making out entries but the youth should be encouraged to do their own entry cards and vouchers. Judges look at this as part of the exhibiting process at the fair.
9. All domestic project (non-animal) exhibits will be evaluated in Wolcott Park at the fairgrounds at the scheduled time before the start of the fair. Exhibitors should bring their entries and be present while they are being evaluated. This is a time for the 4-H member to talk to the evaluator who will provide direct feedback to the youth about their project. Parents are encouraged to listen to the judge's suggestions but let the 4-H member do the talking. If an exhibitor is unable to be present for judging day, prior arrangements are to be made with the 4-H office concerning this matter.
10. Club booths and exhibits must be set up in the 4-H building during the scheduled time before the opening of the fair. If clubs wish to set up at a different time, please call the 4-H office to arrange a different time. Clubs are to supply push pins, staplers, tablecloths, string, etc for their club display. **These items are not supplied by the 4-H office.** No nails or screws may be used in the booths. Shelves and display units are very limited for use of clubs. Clubs are to bring their own tables, etc. to display projects on.
11. Cloverbud exhibits are for display only. A Cloverbud ribbon will be awarded to the exhibit.
12. THERE ARE NO PREMIUMS AWARDED TO CLOVERBUDS.
13. An exhibitor is allowed to enter up to two (2) exhibits per class, unless otherwise noted. Any class that is entered in more than once must have exhibits that are not similar and have different learning techniques.
14. **Exhibits must be picked up during the scheduled release time. IF ANY EXHIBIT IS PICKED UP BEFORE THE SCHEDULED RELEASE TIME, THE VOUCHER WILL BE PULLED AND THE EXHIBITOR WILL RECEIVE NO PREMIUM. If an exhibit cannot be picked up during the scheduled time, please make prior arrangements with 4-H staff to pick items up at a later date.**
15. State Fair participants must be nine by September 30 of the current year and not have reached their nineteenth birthday prior to January 1 of the current year. Projects done by 4-Hers who have not reached their ninth birthday by September 30 of the current year may have their projects selected for Cloverbud display only (not evaluated) at the State Fair.
16. No smoking, alcohol or illegal drugs are permitted in the 4-H building at the fairgrounds.

17. The Ontario County Agricultural Society and Cornell Cooperative Extension in Ontario County assume no responsibility in case of loss or damage to exhibits from any cause (this includes water damage, fire, theft, etc.).
18. Weeklong fair passes can be obtained from the Ontario County Fair Office and are available at the 4-H judging area during exhibit judging day.
19. Eligibility to represent Ontario County 4-H Program as an exhibitor at the New York State Fair is contingent upon appropriate participation in the Ontario County Fair. All 4-H projects exhibited in the 4-H building will be selected by the judge's and 4-H staff and left to their discrepancy.

If the rules stated in this book are not followed, the exhibit will be marked down one place or disqualified. Please read all the above information and class requirements carefully.

What Blue, Red, White, and Green Ribbons Mean

Judging in 4-H is an evaluation process, NOT a competition. The Danish System of Judging is used. Each item is judged according to a standard (set of criteria) rather than against each other. The criteria should be known prior to the evaluation process by the 4-Her, leader, parent, and judge. When determining how closely a product or presentation meets the "Standard", we must always think of the standard in terms of the capabilities of children of a similar group.

There is no limit to the number of items that can receive each level of award (Blue, Red, and White). With very few exceptions, every item is awarded a ribbon of some kind. Judge's written comments provide encouragement and point out the path for improvement. This evaluation serves that same purpose as a teacher's correction of a student's homework; it gives the members an opportunity to learn from their work and thus is an essential part of the learning process. Ribbons or ratings indicate the general quality of workmanship achieved.

Blue (Excellent)

The workmanship shows little room for improvement compared to the relative standard. Comments could suggest something to try in the future as abilities grow.

Red (Good)

The workmanship is satisfactory or "average", but there are definite areas for improvement, even considering the age and abilities of the child.

White (Worthy)

The workmanship shows that little effort has been made and that the finished product is useable for the purpose intended. However, there is much room for improvement, even considering the age and abilities of the child.

Orange (Participation)

For members who joined after January 1st, but still have 4-H projects on display at the fair. The projects do not get evaluated, but are placed in the club booths and 4-H staff is notified. Participation ribbons are given to 4-Hers whose projects receive no award.

Green (Cloverbud)

Given to recognize the participation and achievement of Cloverbud members in the judging process. This is to eliminate comparison and misunderstanding among young members. Cloverbuds are not evaluated at the fair but have the opportunity to talk to a judge about their 4-H project.

State Fair Selection Ribbons:

Entries that are selected for the State Fair judging will be marked with a sticker and a selection ribbon. Exhibitors will receive information from the 4-H office about exhibiting procedures. Some items maybe selected for display only at State Fair and will be marked accordingly. These items will not be judged at State Fair. Cloverbud entries selected for State Fair are for exhibition only.

Section A
CLOVERBUDS

All enrolled Cloverbud 4-H members (ages 5-7 by Jan.1) are invited to display their projects in their club area in the 4-H Building. They may go to a Cloverbud judge who will talk to them about their project. Each exhibit must have a Cloverbud Exhibit card attached and will receive a Cloverbud Participation ribbon. Cloverbuds should fill out a Cloverbud voucher. Vouchers must be filled out and filed in the voucher box in the 4-H fair building.

Section B
YOUTH AND CLUB ACTIVITIES

Leadership

1. **Junior Superintendent** –4-H members who is at least 13 years old and has been approved by the 4-H office through an application process. The role is to assist 4-H staff or animal superintendent at a 4-H animal show or exhibit area, Duties vary according to need and time of the day but may include greeting the public, general maintenance and record keeping. Contact 4-H office for info.
2. **Teen Assistant/Evaluator** –4-H members assisting with judging and other assigned events during the week. More information by contacting the 4-H office or in Clover Chronicle.
3. **Textile Revue** - Garment modeled must be exhibited at fair. Textile Revue will be held at a scheduled time at the fairgrounds. Participants are asked to bring their own commentary if they are modeling items not in the Spring Clothing Revue. Garments that are to be modeled may be removed one half hour before the revue and returned to the building for exhibit afterward. A sign up sheet will be available in the 4-H exhibit building at the fair.
4. **Public Presentations**-Must have participated in the county Public Presentation event. Pre-register by contacting the 4-H office.

Section C
COMMUNICATIONS AND EXPRESSIVE ARTS
Maximum 2 entries per class with different learning experiences

WRITING/PRINT

1. **4-H Scrap Book and/or Scrap Books using scrap-booking technique**, showcasing current year projects and activities. Exhibits will be evaluated appearance & creativity only.
2. **4-H Achievement / Record or Memory 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.
3. **Creative Writing** - Stories, autobiographies, poetry that you have authored. Format should be neatly done and bound together in a packet, notebook or protective covering. 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. Single, loose sheets of paper will not be accepted.
4. **Career Planning/Workforce Development** –Business plan, resume with cover letter. Appropriate style and content for job/college interview. Entry made in portfolio cover for page protection. Single, loose sheets of paper will not be accepted.

POSTERS AND DISPLAYS

5. **Public Presentation Posters** – Posters must be accompanied by a description summary on the entry card so that evaluator clearly understands why/how poster was used. Additional sheet of description may be attached if necessary
6. **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.
7. **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.
8. **4-H Banners**
 - Size: 2’ X 4’
 - 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 type of assembly technique can be used.
 - Must incorporate the 4-H Clover.

CONSUMER AND FAMILY SCIENCES

Section D FOOD & NUTRITION

Maximum 4 entries per class with different learning techniques

General Guidelines:

- Attach a recipe giving ingredients used and method of preparation and/or any other information required by that class.
- On entry card state 2 new skills learned or improved with each exhibit.
- The goal of this section is to encourage the mastery of skills. Fewer ingredients generally mean 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 the mastery of skills.
- Consider good nutritional choices made doing this project. Exhibitors are encouraged to select recipes with lower sugar and fat content to demonstrate for good nutritional choices.
- An exhibit is 3 samples of small items (cookies, muffins, cupcakes, rolls, breadsticks, pretzels, etc.) or ½ of large items (loaf bread, cake, coffee cake or similar products) unless noted in class description.
- Specimens should be of uniform size.
- Cool all baked goods before packing.
- Foods should be removed from baking pans except coffeecakes and pies that can be made in disposable pans.
- Do not bake muffins or cupcakes in paper liners.
- Exhibit on white paper plates or foil wrapped cardboard. Exhibit must be covered. Recloseable plastic bags work well to cover exhibits.
- Yeast breads and rolls may be brushed with fat, milk or egg if stated in the recipe.
- All baking entries must have been made from scratch by the exhibitor. No ready made, refrigerated or frozen dough or box mixes are permitted except in the decorated cake class.
- No exhibit made in a bread machine allowed.
- Exhibits requiring refrigeration are not permitted.

It is advised that after judging that the food not be displayed in the club booths. Please leave entry cards and ribbons in the booth as part of your club display.

COOKIES

1. **Cookies-any style-(drop, bar, hand-shaped, pressed, rolled, refrigerator)-** No frosting or added decorations not part of batter. Hand-shaped cookies can be rolled in sugar.

MUFFINS, BISCUITS AND QUICK BREADS

2. **Muffins** – Any variety. No toppings.
3. **Biscuits or Scones** - Plain, whole grain, flavored, or other shaped (rolled & cut) biscuits or scones. No toppings.
4. **Loaf/Quick Bread** - (not yeast leavened). Banana, blueberry, apple, pumpkin, or other bread baked in a 9x5 or 8x4 loaf pan.

CAKES

5. **Cakes** –Exhibit will consist of ½ of the following: Plain cake (spice, chocolate, butter) made with shortening, baked in a 8-9” or square OR a foam type cake (angel food, sponge, chiffon) baked in a tube pan, approximately 9-10”. Unfrosted.
6. **Nutritious Cake** – Exhibit will consist of ½ of a cake made with vegetable or fruit (no fruitcakes) such as carrot, applesauce, beet, sweet potato, cabbage, etc. baked in a 8-9” round or square pan or 9-10” tube pan. In evaluating nutritious cakes, special credit will be given to nutritious ingredients and recognizing that cakes will be heavier and moisture content will vary. Unfrosted.
7. **Cake Decorating** – Frosted and decorated cake, or special occasion disposable form or 3 cupcakes for a birthday, anniversary, graduation, etc. Decorations need to be made with decorators’ frosting using decorators’ tips. Candies, actual flowers and other decorations can only be added to enhance the frosting decorations, not used alone. Will not be tasted. Only decorations will be judged.

YEAST BREADS

8. **Yeast Rolls** - Plain, whole grain, flavored, or other yeast rolls of any shape; does not include fancy rolls with fillings or frosting.
9. **Yeast Breads** - Plain, whole grain, flavored, or other, baked in a 9x5 or 8x4 loaf pan.
10. **Specialty 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 breads with fillings or frostings.

OTHER BAKED GOODS

11. **Healthy Baked Product** – Baked product must be made with less sugar, fat or salt or altered using a sugar or fat substitute. Recipe and explanation of why it is healthy/changes made to the recipe must be included. Cookies, loaf bread, cake, cupcake, coffee cake, muffins, pies, or other baked items.
12. **Grown In New York** - Baked product that contains a fruit or vegetable grown in New York. Exhibit includes A) the recipe B) where it was grown and purchased and if it was preserved for later use. Source of ingredient can be a garden, U-pick or roadside stand, farmers market, or any market if source can be identified. Cookies, muffins, bread, cake, cupcakes, coffee, pie, or other baked items.
13. **Heritage or Cultural Foods** - Any baked item associated with family traditions or cultural customs/traditions of family or country/populations. Entry must include (A) recipe, (B) tradition associated with preparing, serving the food, (C) historical background if doing a cultural food. Cookies, muffins, bread, cake, cupcakes, coffee cake, pie, or other baked items are eligible for this class.
14. **Raw Vegetable Tray** - at least four vegetables attractively arranged on a disposable tray. (Open to 1st and 2nd year members only)
15. **Pet Treats** – Exhibit will consist of 3 samples or 1 cup mix of baked treats for dogs, horses, etc. Will be evaluated on appearance, smell and texture. Please include on entry card the reason for the treat such as for your pet, community service, fund raiser.
16. **Any other food entry not listed.** Must be related to a 4-H Project curriculum.

RECIPE COLLECTIONS

17. **Healthy Recipe Collection** - An exhibit is at least 6 recipes that provide needed nutrients while limiting fat and total caloric intake. Recipes are displayed in a box, notebook, or file folder and can include photo or illustrations. For each recipe state: (a) relationship of key ingredients to food Guide Pyramid, (b) nutritional benefit, (c) recipe source, (d) how well it was liked, (e) any changes you would make in the recipe. All recipes must be collected and made during the current enrollment year.
18. **Heritage Recipe Collection** - An exhibit must be at least 10 recipes that depict family or local history. For each recipe state: (A) recipe source (B) history related to recipe (C) traditions related to preparing, serving and eating the food. The collection should represent one or more generations older than you and can be collected from family, friends, or other community sources. Displayed in a box, folder or notebook and can include photo or illustration that depicts family or local history. All recipes must be collected and at least 4 need to be prepared during the current year and indicate how well it was liked after making it.
19. **Healthy Snack** – this may be an actual food exhibit, poster, photos or may include faux food. The purpose 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. Entry card must include serving size and info about the nutritional value of the snack.
20. **Food Technology Exhibit** – Exhibit to include a food product prepared using new technology or a non-traditional method (i.e. bread machine, cake baked in convection oven, baked item made in microwave, etc) Entry must include supporting information that discusses new method and how it compares with traditional method.

Section E

FOOD PRESERVATION

Maximum 2 entries per class with different learning techniques

- Entry card should state 2 new skills learned or improved doing this project.
- Entry card should include the following information if not already included in the attached recipe. Contents, type of pack (hot or raw), type of processing (boiling water bath or pressure canner), processing time, altitude adjustment, headspace, date of processing
- All exhibits must use up to date (1994 or later) USDA approved recipes.
- Food must be canned since previous county fair.
- Exhibit consists of 1 standard clear-glass canning jar with self-sealing, two piece lids. No baby food, mayonnaise, etc. jars allowed.
- No paraffin sealed jams or jellies are allowed to be entered.
- Not to be opened, tasted, or sold.

- Rings should be removed for judging.
- Fruits, tomatoes, jams, jellies, marmalades, relishes, and pickles must be processed in a hot water bath.
- Vegetables must be pressure canned.
- Appropriate head space requirements must be followed: fruit juices – ¼ inch, vegetables – ½ to 1 inch, Jams and Jellies – ¼ inch, Pickles – ½ inch, Tomatoes – ½ inch

CANNED FOODS

Canned Fruit

- | | |
|--------------|----------------------------------------|
| 1. Vegetable | 4. Pickles, Relish |
| 2. Tomatoes | 5. Jam, Jelly, Marmalade |
| 3. Juice | 6. Any other preserved food not listed |

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

- | | |
|---------------------|--------------|
| 8. Dried vegetables | 10. Leathers |
| 9. Dried fruit | 11. Herbs |

Section F

TEXTILES & CLOTHING

Maximum 2 entries per class with different learning techniques

General Guidelines:

The following member information needs to be included with exhibit on the entry card.

- Fiber content of item
 - Care label information
 - 2 skills learned or improved doing the project
 - State if kit was used (for down or fiberfill items: parka, hood, booties, sleeping bag, kite, etc.)
1. **Equipped Sewing Box** (open only to first year member in clothing project). For judging include scissors, tape measure, thimble, seam gauge, pins and needles and proper holders. Plan to take the valuable equipment home after judging or make paper examples to put in your sewing box.
 2. **Simple Sewing Project**-not garments – may include potholders, tote bags, apron, pillowcase.
 3. **Basic Clothing** – 4 entries allowed with different learning techniques.
 4. **Textile Arts** - apparel made using a form of textile art other than sewing. Items may be crocheted, knitted, woven, tie-dyed, etc
 5. **Wearable Accessories, non-sewn** – these items should have a decorative and functional purpose Examples: scarf, necklace, pin ring, belt, embellished footwear.
 6. **Non-Apparel, Sewn** - examples include outdoor equipment such as backpacks, articles for a horse such as saddle pad, recreational items such as kites and toys
 7. **Recycled Garments** – examples include remodeled or renovated garments
 8. **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 or effort
 9. **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
 10. **Purchased Garment** – entries in this class should reflect wise consumer decision-making. Garment or outfit must be accompanied by an 8 ½”x11” information notebook. The notebook must include the following:
 - Color photo of entrant wearing the garment or outfit, label photo with name, county, and color of complexion, hair and eyes
 - Cost of garment – include price tags or information, itemized comparison of cost to make garment including cost of fabric, notions, pattern, labor etc.
 - Story that describes why the garment was purchased, how it fits into the wardrobe, fabric structure, fiber content and care and simple accessories selected
 - Activities for which the garment will be worn
 11. **Any other clothing and textiles entry not listed.** Must be related to a 4-H Project Curriculum

Section G
HOME ENVIRONMENT

Maximum 2 entries per class with different learning techniques

- On entry card state 2 new skills learned or improved with each exhibit
- Include also where the item will be used, color scheme of the room, what item will be used for and where your idea came from

WOODEN FURNITURE AND FURNITURE ACCESSORIES

1. **Furniture with a Painted/Natural Finish** - such as chair, table, chest, bookcase, stool, etc. New unfinished, refinished, or constructed by exhibitor.
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, or re-upholstered by exhibitor. May have a painted or natural finish. Seat may be upholstered, caned, etc
4. **Chair Seat** – item as in previous class except only the seating will be evaluated.

FABRIC FURNISHINGS

5. **Fabric Accessory** such as pillow, wall hanging, windsock, placemats, napkins, tablecloth, needlework items including needlepoint, counted cross stitch, latch-hook, crewel embroidery, candlewicking, knitting and crocheting etc
6. **Major Furnishing Items Made of Fabric** – quilt, bedspread, curtains
7. **Group or Club Project** – group or club project such as a quilt, wall hanging, etc. (Club banners are entered in the Communications section of the fair book.)
8. **Embellished Furnishing** – items such as placemats and lampshades that have been changed by adding fabric, painted design or other embellishments.

OTHER HOME ACCESSORIES

Home Storage – laundry bags, shoebags, locker caddies, travel storage etc.

Room Accessories – bulletin board, fabric décor, lampshade, picture frame (may be non sewn items)

Any other Home Environment entry not listed. Must be related to a 4-H Project Curriculum.

Section H

FINE ARTS & CRAFTS

Maximum 2 entries per class with different learning techniques

- **This section is limited to items designed by the participant.**
- Crafts should be age and ability appropriate for the exhibitor.
- Entry card should state 2 new skills learned or improved doing this project.
- Only quality arts and crafts will be allowed to be entered. (This means NO CRAFTS such as rocks or shells with googly eyes, foam animals, pom-pom creatures, decorated paper plates, clothes pin magnets, etc.) No camp crafts can be exhibited.
- NO KITS, PRE-FORMS, PATTERNS OR PRE-CUTS ARE PERMITTED EXCEPT IN THE DESIGNATED CLASS.
- Objects whose ultimate use is to be hung on the wall the items must have mountings on them and be ready for hanging. Small, delicate, fragile items should be displayed in a display box.
- Entries should be related to a 4-H Project Curriculum.

FINE ARTS

1. **PAINTINGS, DRAWINGS, GRAPHIC/PRINTS** - Art work is to be signed, matted, and framed. If ultimate use is to be hung on the wall the items must have mountings and be ready to hang.
 - **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.
 - **GRAPHIC/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 fiberglass, or a combination of these. Processes may be carved, modeled, fired, soldered, glued, molded, laminated, nailed, or sewn.

CRAFTS

2. **CRAFTSMANSHIP-** (no kits allowed) 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 single 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 - 2 or 3-dimensional objects using clay tile, glass, stone, natural and found materials.
- TIE-DYING/BATIK - Processes: tie-dyeing, utilizing 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 - Process: carving, gluing, inlay, cutting, tearing, layering, folding (origami)

3. **ART AND CRAFT PROJECT USING A KIT**-a kit is considered a purchased kit with materials and instructions to follow to complete the craft project.

4. **HERITAGE ART, CRAFT AND DOCUMENTATION**

- Emphasis in the heritage documentation section 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.
 - All exhibits need to include a written description stating why the exhibit was chosen and where the idea came from.
- a) Heritage Arts and Crafts – traditional objects using materials, methods and/or decoration based on a continuation of ethnic art or handed down from one generation or another.
 - b) Processed Natural Fibers – natural fibers processed for use
 - c) Heritage Documentation – documentation of family or community history, buildings, methods of processing and/or use. Cite references.

Section I

CHILD DEVELOPMENT/CARE

Maximum 2 entries per class with different learning techniques

- On entry card state 2 new skills learned or improved with each exhibit
1. **Creative toy, game or storybook** – A homemade toy, book, game or activity to be used with children. Entry card 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.
 2. **Babysitters kit** – including games, toys and safety material needed while caring for a baby, toddler or preschooler. Include explanation of planned use of articles in kit.

Section J

VISUAL ARTS

Maximum 2 entries per class with different learning techniques

General Information

- Photographs must have been taken by the exhibitor as part of a 4-H program during the current year.
- Exhibits must be mounted on sturdy background. Preparation of exhibit should demonstrate good workmanship and use of materials.
- Do not submit exhibits in commercial picture frames.
- Exhibit will be evaluated on technical quality, composition, story telling ability and preparation of exhibit.
- Exhibits must be titled or captioned to assist the viewer to interpret the message.
- No photograph or digital image shall be smaller than 3 ½" x 3 ½".

1. **SINGLE PHOTO - BLACK AND WHITE**

2. **SINGLE PHOTO - COLOR**

3. **PHOTO STORY** - Narrative or informational presentation using images as illustrations to a communicate story or ideas. 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 story telling what the images are illustrating. Some photo stories require a supporting narrative, conversely, most narratives 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.

4. **PHOTO STUDY CLASS** - Consist of one of the following:
 - a. 4 photos demonstrating 4 methods of isolating the subject; not more than 3 objects permitted in each photo.
 - b. 4 close-up photos with a different main light source in each - front, side, back and diffuse.
 - c. 4 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 / CD / DVD PROJECT**
 - 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.
 - Projects longer than 10 minutes should include a short "preview highlights" show as a separate tape, disc, or file.
 - 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 DIGITAL IMAGE**
 - State on entry card if unedited, slightly edited or heavily edited or enhanced image
 - Include thumbnail if edited .
7. **STORY COMPOSED OF 4-8 DIGITAL IMAGES OF SIMILAR SIZE**
 - If edited images are used, thumbnails of the originals shall accompany exhibit.
8. **USING DIGITAL IMAGES**
 - A short statement, story or article using one or more digital images to illustrate, visually explain or enhance its meaning.
9. **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.
10. **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.
11. **CREATIVE FRAMING**
 - Creative Framing Possibilities:
 - Create your own physical frame using material discovered in the environment (leaves, sticks, pinecones) OR sandwich your photo between two pieces of commercially framed glass, then carefully add your own rendering to the piece
 - Exhibits simply placed in a commercial frame are ineligible to be entered in this class.

Section K
TECHNOLOGY & ENGINEERING
Maximum 2 entries per class with different learning techniques

- On entry card state 2 new skills learned or improved with each exhibit
 1. Wood Science Project
 - **Hand Tool Division** - Article that was cut out, assembled and finished with hand tools only.
 - **Power Tool Division** - Articles that has been partially or totally completed with power tools.
 - **Kit Division** - Article that is made from materials precut 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.
Bird Houses entered in Class 1 will be evaluated under Wood Science standards, but the house must be accompanied by an explanation of the project and its relevance to natural resources and environmental education.
 2. Electrical Science Projects
 - **Electric Division** - Article made in an Electric Project, such as 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. Lamps without bulbs or shade will not be considered complete and will not be accepted for exhibit. 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. Projects must be operable (i.e. contain all necessary batteries). Exhibit must be accompanied by a short explanation of why or how the exhibit works and what use it has.
 3. **Related Science Engineering Projects** –any exhibit engaged in engineering or technology such as leatherworking, rocketry, robotics, catapult, Lego design, radios, biofuels, solar power etc. Kits are not acceptable for senior division entries age 14 years and older. Articles made outside of the 4-H Program (ex. school) are not acceptable.
 4. **Educational Displays** - A series of posters (at least 14"x22") and/or a 3 dimensional exhibit related to an engineering science project.
 - Display should be self-explanatory through use of signs or labels
 5. **Rocket 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. **Rocket 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 product.
 7. **GEOSPATIAL SCIENCE PROJECT** – 4-H exhibits that show skills and knowledge learned through 4-H GPS and GIS projects.
 - a) **4-H GIS maps** –
 - a. 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://nys4h.cce.cornell.edu/program/events/statefair.php>.
 - b) **GIS or GPS project or activity** undertaken by individual or group.
 - a. Exhibit may be in the form of a project record book, photo documentation, video, CD, DVD or any other means. Be sure to include purpose and outcome of activities.

Section L
SCIENCE EXPERIMENTS AND EXHIBITS
Maximum 2 entries per class with different learning techniques

1. This division allows participants a chance to learn about and experience science concepts in an area of agriculture, human ecology, or life sciences that the participant really enjoys. Entries may be individual or group. The following are examples of types of projects you may conduct. Any type or combination of the types of science projects below along with creativity is encouraged.
 - **Experiments** - Describe your hypothesis, the procedures you performed, 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 exhibit, drawings or photographs are acceptable. On poster board, glue or tape photos, 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.

Section M PLANT COLLECTIONS

Maximum 2 entries per class of different varieties

Developing a plant collection will help youth to learn to recognize and identify different plant species.

Preserved Plant Collections

- Plants must be pressed, dry, mounted and labeled.
- A clear protective overlay is helpful for many but not all exhibits.
- Weeds and other specimens mounted green (not pressed) will not be evaluated.
- Collections of plants may be on one side of one piece of poster board (22"x28") or like material or in notebook binders with single specimens on pages 8 1/2" x 11."
- Scrapbooks of accumulating years should have dividers between years. Current years exhibit should be clearly marked. Current year exhibit will be judged.
- List sources used to identify plants and plant materials.

Class:

1. **Leaf, Twig**, (and fruit, flower, and seed, if possible) of 10 or more ornamental trees
2. **Leaf, Twig**, (and fruit, flower, and seed, if possible) of 10 or more ornamental shrubs
3. **Leaf, Twig**, and illustration of fruit or nut of 10 or more fruit or nut plants
4. **Ten weeds** common to lawns and flowerbeds
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.)

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*).
 - Each plant should be represented on its own 8 1/2" x 11" 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 each picture with common name and brief description.
 - Consult the NY Horticulture Contest Guidelines for the plants required in each class.
 - Label with common name and brief description
9. **Scrapbooks** – Groups are flowers and indoor plants, ornamentals, fruits and nuts, vegetables.
 - a. **Beginner**- Must include 15 plants specified from each group.
 - b. **Intermediate**- Must include 30 plants specified from each group.
 - c. **Advanced**- Must include 45 plants specified from each group.

Section N
GARDEN ENTRIES
Maximum 2 entries per class of different variety type

- Exhibit must be grown by the exhibitors.
- Exhibit must be labeled with correct common name and variety name (i.e., snap beans, Blue Lake; or Petunia, Red Picotee). Entries without a variety name will be marked down one placing.
- Note on entry card if entry was grown using organic conditions.

1. VEGETABLES – May enter up to 8 entries in this class but must be different varieties

- Beans, snap(green, yellow, or pole), lima, edible soy- 5 pods
- 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, 2-4 pounds, with 3 or 4 wrapper leaves, any fresh market variety
- Carrot, 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 or looseleaf cabbage with roots off, 1 plant
- Corn, Sweet, 3 ears, husks removed completely, shank trimmed to ½ inch, display in a transparent bag
- Cucumber, 2 slicing type, 5 inches or longer, 2 inches or less in diameter
- Cucumber, 3 pickling type, 3 to 5 inches
- Cucumber, 5 pickling type, less than 3 inches
- Dill, bunch of 3 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.
- Garlic, 3 bulbs, dried, braided together or tops trimmed to 1 inch, cleaned, not peeled
- Herb, any kind, plant in pot or tied bunch
- 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 size
- Onions, 4 green bunching type, tops on but trimmed evenly
- Onions, bulbs, 3 tops trimmed to ½ inch, well cured and dried, not peeled
- Parsley, 1 plant, roots off, good market size and quality
- Parsnips, 3 tops trimmed to 1 inch
- Peas, 5 pods.
- Pepper, 2 of same variety, any type
- Potatoes, 3 tubers, 5-10 oz.
- Potatoes, 1 pint basket, salt potato types, ¾ to 1 ¼ inch diameter
- Radishes, 4, tops trimmed to ½ inch
- Shallot, 3, tops trimmed to ¼ inch, dried, not peeled
- Spinach, common, ½ pound in transparent bag
- Spinach, New Zealand, ½ pound bunch or tender tips 3 to 6 inches, tied or in transparent bag
- Squash, summer, 2 young, skin tender (zucchini, yellow, scallop)
- Tomatoes, 2, 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
- 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
- Ornamental Vegetables, 3, such as miniature pumpkins, gourds, decorative corn, ornamental kale (1 specimen)
- Miniature Vegetables, 6 of one type, harvested at small or baby stage
- Heirloom Vegetables, any variety from the Heirloom Garden bulletin, exhibited in same manner as other vegetable classes
- Other vegetables not listed, display same number of specimens as similar crop listed

2. **VEGETABLE ART**—Vegetable character, sculpture, geometric design, neatness of assembly, number of horticulture products used, imaginative use of plants and plant materials, overall appearance will be considerations when being judged.

3. CUT FLOWERS – May enter up to 8 entries in this class but must be different varieties

- An exhibit will consist of 3 stems with the same color bloom except:
- Gladiolus - ONE spike with at least 12-inch stem and other large spikes
- Roses - ONE stem of the type listed
- Dahlias - THREE blooms of one color, or ONE bloom if over 6 inches.
- Stems should be 8 inches long, except where type of flower makes this impossible. Flowers that don't last long (daylilies, hollyhocks, impatiens, portulaca etc) may not be entered. Blooms of weeds, wild flowers and shrubs may not be entered.
 - Asiatic Lily
 - Aster
 - Bachelor Button
 - Calendula
 - Carnation
 - Chrysanthemum (any form)
 - Cleome
 - Cosmos
 - Daisies
 - Delphinium
 - Gladiolus
 - Larkspur
 - Marigold
 - Nasturtium
 - Ornamental Grass
 - Pansies
 - Petunia
 - Phlox - annual
 - Rose
 - Rudbeckia (Coneflowers, Blackeyed Susan)
 - Snapdragon
 - Statice (fresh,not dried)
 - Strawflower
 - Sweet Pea
 - Zinnia
 - Any other garden cut flower not listed, annual, or perennial, display the same number of specimens as similar crop listed
 - A collection of 6 garden cut flowers, not used in other cut flower entries. One specimen of each variety. Flowers named and variety listed. NO wildflowers, weeds or shrubs.

4. INDOOR GARDENING-HOUSE PLANT

- House Plants must be single stem or crown in proportional container
- List plant name on entry card.
- No artificial or plastic materials allowed.
 - a) Potted houseplant - flowering
 - b) Potted houseplant - foliage
 - c) Potted houseplant - vine
 - d) Potted houseplant - hanging container.
More than 1 plant accepted.
 - e) Miniature houseplant -
 - f) Dish garden
 - g) Terrarium or closed eco system

5. CONTAINER GARDENS

- No artificial or plastic plant material allowed
- Appropriate container and plant combinations
- List plants included in the container
- Perennial annual, vegetable, ornamentals

6. FLORAL DESIGN

- List plants
 - a) Dry or fresh flower corsage in transparent bag
 - b) Table arrangement of live or dry plant material –no artificial flowers
 - c) Plaque of dried or pressed plant material includes other craft projects made with real plant material (floral pictures)

7. FRUITS AND NUTS

- All fruit and nuts must be cared for by exhibitors.
- Nuts grown in previous year may be entered
- All entries must be in 1pint containers, except large fruit which 3 examples are needed
- Any fruit or nuts must have variety labeled

Section O
HORTICULTURE METHODS

Because of the difficulty of reproducing some of the horticultural methods for exhibiting purposes, a poster or poster series may be used. Use heavy poster paper (14x22 minimum) as a background. Include introduction, growing method used, and what you learned or discovered.

1. Hydroponics Gardening
2. Season Extender Methods
3. Container Gardening
4. Methods Not Listed

Section P
NATURAL RESOURCES/ENVIRONMENTAL EDUCATION
Maximum 2 entries per class with different learning techniques

General Guidelines:

- In addition to the entry card you are required to include:
 - a project story (essay) on a separate sheet of paper stating why your project was interesting to you, its relevance to natural resources and environmental education, how it will be used, detailing information you learned.

For Example: If you build a bluebird box, explain why the box makes a good home for bluebirds, or observations/plans you might have to learn about bluebird behavior.

Wildlife

Examples included, but are not limited to, Bird Studies (*Bluebirds of New York, Birds of Prey, Introduction to Bird Study*), Habitat Improvement Projects, Trapping, Furbearers, etc.

1. **Birdhouse or Birdfeeder:** built by the exhibitor enrolled in the bird study or bluebird. Note: If the wood has been finished with a stain the exhibit should be entered in the woodworking section of the fairbook
2. **Log Suet Feeder,** jug feeder or other wooden feeder from “Birds in Your Backyard” project. On the entry card identify the kinds of birdseed that could be used and the birds that would visit the feeder.
3. **Field Record Notebook** as called for in “Birds in Your Backyard” project and /or “Bluebirds in New York” project or other 4-H related projects.
4. **Wooden nest box**
5. **Bird Study:** notebook or poster about birds including pictures, habitat, size, food eaten, etc.
6. **Dried pelt:** exhibit of dried pelt of any of the following New York furbearers which was taken by legal means and prepared by the exhibitor: beaver, fox, mink, muskrat, etc. Pelts will be judged on the basis of general appearance, cleanliness and stretching.
7. **Animal track cast collection:** Mount a collection of at least 3 animal track casts for display. Each track must be labeled appropriately.
8. **Poster or notebook** display showing the value of wildlife in today’s environment.
9. **Any other exhibit** not covered in the above classes.

Recycling and Composting

Exhibits based on recycling or composting projects in the home or community. Clothing, crafts, and other items created using post-consumer waste materials. (Project books that can be used: *Wastes to Resources; Wastewise; Woodsy’s Resource Goldmine; Recycling in Your School Makes Good Sense; Recycling: Mining Resources From Trash; or Composting in the Classroom*)

10. **Poster or display showing benefits of recycling,** reduction and/or environmental shopping. Topics might include home recycling, water quality, reducing waste in landfills, public policy for recycling, waste reduction.
11. **Recyclemania:** Treasure From Trash –Useful item made from throwaways. Must explain benefits of recyclable item on entry card. No food waste scraps.
12. **Indoor worm composting system** for recycling kitchen food waste along with a poster explaining how it works.
13. **Photo display of family outdoor composting system** accompanied by captions of members involvement in the effort.
14. **2 samples of recycled paper** notecards/artwork/jewelry made from recycled paper.
15. **Exhibit showing new products** currently being made from recycled materials. Show initial product, intermediate steps and final product.
16. **Exhibit comparing different kinds** of packaging for a single product (ie. potatoes, popcorn, milk. etc.) Explain impact each kind has on the environment and the difference in the price of the product.
17. **Any other exhibit** not covered in the above classes.

Trees and Wood

Displays and presentations may be based upon, but are not limited to, the following projects: *Know Your Trees, Timber Management for Small Woodlands, Wildlife and Timber from Private Lands: A landowners guide to Planning, Woods of New York Trees: Dead or Alive, Know Your Tree Diseases, Maple Syrup Production for the Beginner.*

18. **Tree Identification Notebook** – identifying at least 15 different trees as called for in Know Your Trees Project. Information should include but is not limited to pictures, leaves, bark, general information about each species of tree.
19. **Trees From Seeds** - Examples of seedlings grown from seeds planted by exhibitor. Exhibit to consist of six or more seedlings in a flat or suitable container.
20. **Backyard Maple syrup** – one pint of syrup labeled
21. **New York Wood** - mounted display of at least 15 different kinds of wood found in New York woodlots. May be made up of small sections of tree, showing bark, cross section of the trunk
22. **Poster display showing the value of woods** to man, wildlife, soil, conservation etc.
23. **Any other exhibit** not shown in above classes.

Fisheries and Aquatic Resources

24. 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.

Section Q **ENTOMOLOGY**

Class:

1. Honeybee/Apiculture Exhibits

- Honey –1 pound container (liquid, comb)
 - Bee/Honey Products Made From Beeswax –ex. candles (at least 2), lip wax, etc.
 - Display/Poster –Individual or group-a series of posters/photo or three dimensional exhibit representing any aspect of beekeeping. Ex. equipment, disease, bee colony management
 - Project Record Book for 4-H Beekeeping Project
2. Exhibit of Entomology Specimen and Orders (insects should be pinned)
 - Year one -20 specimens representing 5 insect orders
 - Year two -40 specimens representing 9 insect orders