

4-H EXHIBITOR HANDBOOK

2021



THE SARATOGA COUNTY FAIR

2021 Exhibitor's Handbook

Junior Division

Table of Contents

Table of Contents.....	1
Letter to Exhibitors.....	2
Rules and Regulations.....	3
Evaluation and Judging.....	4
Dept. 14 - Ornamental Horticulture/Plant Collection.....	5
Dept. 15 - Garden Products Entries.....	8
Dept. 16 - Fruits & Nuts.....	10
Dept. 17 - Conservation-Natural Resources-Fishing-Forestry-Wildlife and Soils.....	10
Dept. 18 - Honey	11
Dept. 19 - Entomology (Insects).....	12
Dept. 20 - S.T.E.M.....	12
Dept. 21 - Communications and Expressive Arts.....	15
Dept. 22 - Photography.....	16
Dept. 23 - Food and Nutrition.....	18
Dept. 24 - Clothing and Textiles.....	20
Dept. 25 - Home Environment.....	22
Dept. 26 - Child Development/Care.....	23
Dept. 27 - Health.....	23
Dept. 28 - Art Objects.....	23
Dept. 29 - Consumer Education.....	25
Dept. 30 - Club Promotion.....	25
Dept. 31 - Community Service.....	26
Dept. 32 - Cloverbud.....	26



2021 Saratoga County 4-H Project Exhibition

Dear 4-H Families,

Saying we have had “quite a year” is perhaps an understatement when it comes to how COVID-19 has affected not only 4-H programming, but our lives in general. However, we are looking forward to better and brighter days as we put this pandemic behind us. We are excited to offer some type of fair programming this year, and in addition to our 4-H Animal Exhibition in July, we are announcing our 2021 Saratoga County 4-H Project Exhibition on August 14th and 15th at the 4-H Training Center. This exhibition is an opportunity for our 4-H members to have “static” exhibits evaluated and exhibited, much like they would be at the Saratoga County Fair.

Our Exhibitor Handbook will describe the projects that will be allowed to be exhibited at this year’s 4-H Exhibition. While we will not be able to offer many of our “in-person” classes, we are looking forward to seeing the amazing projects that our members have been working on in 2021. In addition to being evaluated and exhibited, projects will also be eligible for fair premiums. Evaluations will take place at the 4-H Training Center on Wednesday, August 11th and Thursday, August 12th from 3:00-7:00pm. The Exhibition will be open to members and the public on Saturday, August 14th and Sunday, August 15th from 10:00am-3:00pm at the 4-H Training Center.

Additionally, any youth or families who do not feel comfortable with coming to in-person evaluations will be able to submit an “Exhibitor Statement” and have their project evaluated and placed based on the project and Exhibitor Statement. All projects that will be evaluated in this format will need pre-arranged with the 4-H Office and dropped off at the 4-H Training Center by Monday, August 9th.

We are requesting, but not requiring that entries be submitted to the 4-H office by Friday, August 6th. This will help us to organize the number and categories of evaluators and stations what we will need for the evaluation days. Entry forms and Exhibitor Statements may be picked up at the 4-H office, or found online at cce-saratoga.org/4-h/4-h-forms/fair-forms.

If you have any questions regarding the event or entries, please contact the 4-H office at 518.885.8995 or email Leland at glb76@cornell.edu.

Happy Summer Everyone!

The Saratoga County 4-H Team

Junior Division

4-H and Division Superintendents

Greg Stevens 4-H Issue Leader
Leland Bunting Resource Educator

Julie Curren Program Educator
Brianna Hughes Resource Educator

This division is open only to 4-H members in Saratoga County who are enrolled in the projects represented by their exhibits. **4-H members must be enrolled in the Saratoga County 4-H Program by June 1st to be eligible to exhibit in the fair.** School projects are not eligible for class entry in the 4-H Junior Department. The purpose of 4-H involvement in county fair is to highlight the accomplishments and projects of members and to complete the educational process started with projects.

Rules and Regulations

- **Exhibitor's Handbooks are distributed ONE copy per family.**
- This division assumes no responsibility in case of loss or damages from any cause, to stock or other exhibits; and on this condition only, are entries received.
- **Late entries WILL NOT be accepted. There will be NO exceptions.** Please don't ask!
- 4-H members may **exhibit at only ONE** county fair.
- All exhibits must have been made during the **current 4-H program year.**
- In classes where age of a member is a requirement, the age will be considered as of January 1 of the current year.
- **Cloverbuds** may only exhibit in the "Cloverbud" department. All members under 8 years of age as of January 1 of the current year are considered Cloverbuds.
- Face to face judging of static exhibits will be on **Wednesday, August 11th and Thursday, August 12th from 3:00-7:00pm at the 4-H Training Center.** Members are expected to present their exhibit(s) to the respective judge(s) and remain with the exhibit(s) during judging.
- A special exception will be made for exhibitors who do not feel comfortable attending in-person evaluation. These exhibitors must attach and "Exhibitor Statement" to each of their respective entries.
- Each exhibit must have an **exhibitor's entry tag attached** to it. To attach the entry tag to the exhibit: use pins, tape, or punch a hole in one corner of the entry tag and use string to tie it on.
- All exhibits in this division will be governed by the same general rules and regulations that apply to other departments except that no entry or membership fee will be required.
- No article may compete for more than one prize.
- All exhibits are to be in place at the 4-H Training Center by 7:00pm on Thursday, August 12th.
- All awards will be made according to a point system as follows. A given number of points will be assigned to excellent, good and worthy. At the end of the exhibition, the total number of points earned in all Departments will be divided into the amount of premium money available to find the value of each point. An exhibitor's points will be totaled and the premium determined, based on the point value. Premium checks will be mailed AFTER the exhibition. Lost checks cannot be replaced. All premium checks will be VOID as of September 30 of the current year.
- Special County Fair awards are listed in the Special Awards Booklet available at the 4-H office or fair and presented at Achievement Night. Special prizes are listed as accurately as possible at time of printing, however, additions and subtractions are possible.
- Exhibits will be available for removal from 3:00-7:00pm on August 16th and 17th.
- It is your responsibility to have someone pick up exhibits if you can not. Any exhibits that are not picked up may be thrown out.

A Philosophy of Judging

Have you developed your own philosophy of judging? Do you know why your work is judged at county Public Presentation Day? At Clothing Revue? At the Fair? Do you know who are asked to be judges? Do you accept the awards you get gracefully, whether it be blue, red, or white? If your answer is “yes” to all of these questions, you need to read no further. But many 4-H members and others do not know all the answers.

Why Do We Judge?

The two major purposes in judging are: 1) To determine the worth of a piece of work. How well it was done and how closely does it conform to the standards of quality. 2) To contribute to the growth and development of 4-H members and others concerned to help boys and girls learn.

Who Are The Judges?

Judges are people! They are asked to be judges because they have special training and background in certain subject matter areas. Not all judges have the same training and same background in the same subject matter area and that is why judges sometimes differ in their opinions and ideas as to how something should be done. The process of judging will never be perfect. Judges can evaluate only what they see. They can't know how hard one member has worked or what obstacles another may have had to overcome. So, they must judge just what they see according to a standard. They can guess a little about what to expect from members of a certain age, or years of experience in demonstrating, but even here there is a difference of opinion.

We have to learn to accept judging for the best it can do for us and reconcile ourselves to some of the faults that are impossible to overcome. Learn what you can from an evaluation, but don't take it personally or too seriously - don't make it the ultimate decision of your worth. Consider judging an adventure to stimulate you to greater achievement.

The Danish System

The Danish System of judging is used at many 4-H events. Each item is judged according to a standard (set of criteria) rather than against each other. 4-H leaders, members and parents should be informed about the criteria before members exhibit projects or enter competitions. There is no limit to the number of entries that receive each level of award (blue, red or white).

Blue or Excellent - The workmanship shows little need for improvement compared to the relative standard.

Red or Good - The workmanship is satisfactory or average but there are definite areas for improvement, even considering the age and challenges of the child.

White or Worthy - The workmanship shows that a worthy effort has been made and that the finished product is useable for the purpose intended. However, there is much need for improvement even considering the age and challenges of the child.



Department 14 - ORNAMENTAL HORTICULTURE/ PLANT COLLECTIONS

PREMIUMS: Class 1 to 30	Excellent - 6 points	Good - 4 points	Worthy - 2 points
Class 32 to 46	Excellent - 8 points	Good - 6 points	Worthy - 4 points
Class 31, 47 to 66, 70-74	Excellent - 15 points	Good - 12 points	Worthy - 8 points
Class 67 to 69	Excellent - 20 points	Good - 16 points	Worthy - 10 points

- **Only three entries per class.** Each entry must be a distinctly different variety type.
Each exhibit should consist of three stems at least 8 inches long (except where type of flower makes this impossible with the same color bloom except as noted:
 - Dahlias - an entry is three blooms of one color, or one bloom if over 6 inches.
 - Gladiolus - an entry is one spike with at least 12-inch stem.
 - Roses - an entry is one stem of the type listed.
 - Zinnias - an entry is three blooms of one color, or one bloom if over 4 inches.
 - Collection of 5 - see class for details
- **Entries of multiple colors** will be judged on health and general appearance for a **worthy award**.
- Flowers that do not last as cut flowers (hollyhock, impatiens, portulaca) may not be entered. Blooms of weeds, wild flowers and shrubs will not be judged.
- House plants **must** be single stem or crown grown in a proportional container.
- Flowering plants **must be in bloom** at time of exhibit in order to be considered for an excellent award. Plants not in bloom will be judged on health and general appearance and considered for a good or worthy award.
- Plants must be clean and free from insect damage. Old flower stalks, old blossoms and dry leaves should be removed. Plants must be at the correct level in the pot, symmetrical, and leaves free from spots or marks.
- They must have been growing in pots for a minimum of 3 months. Freshly dug or transplanted annuals will receive "no awards". Wilted plants will be disqualified.
- No entries containing artificial (plastic and/or silk) or colored materials can be considered for State Fair.
- Ribbons and bows as parts of the design are allowed.
- Fairy Gardens only may have some artificial materials. These materials should not be a main focus of the exhibit. They should blend in. Plants should be prominate.
- **NO ENDANGERED SPECIES ALLOWED!**

Section A - Flowers

One spike/stem allowed in the following classes:

Class No.

1. Dahlia - **one** bloom over 6 inches in diameter
2. Gladiolus, 1 spike - white, cream, yellow, orange, buff or salmon
3. Gladiolus, 1 spike - pink, scarlet, red, lavender, blue or purple
4. Gladiolus, 1 spike - with conspicuous markings
5. Rose - Hybrid Tea
6. Rose - Floribunda
7. Rose - Grandiflora
8. Rose - Miniature
9. Zinnia - **one** bloom over 4 inches in diameter

Three stems needed in the following classes:

Class No.

- | | |
|--|---|
| <ol style="list-style-type: none"> 10. Asters (annual) 11. Calendulas 12. Cornflowers (Bachelor Buttons) 13. Cosmos 14. Dahlias (under 4 inches) 15. Gomphrena 16. Marigolds, French 17. Marigolds, African 18. Marigolds, Hybrid | <ol style="list-style-type: none"> 19. Nasturtiums 20. Pansies 21. Petunias 22. Rudbeckia 23. Salvia 24. Snapdragons 25. Strawflower (fresh, not dried) 26. Sunflowers 27. Zinnias, baby, not over 2" in diameter 28. Zinnias, medium, 2" to 4" in diameter |
|--|---|

29. Any other garden flower (no daylilies allowed) not listed above or dried flowers.
30. Collection of 6 different cut flowers, 1 specimen each, **named**.
31. Container "Garden" - Planter boxes, large clay/plastic pots, baskets, barrels, crates, etc. Containers can be planted by exhibitor as part of project or purchased and maintained by the exhibitor. (Must have been planted or maintained for **minimum of one month** prior to exhibiting.) Plants and container will be judged as complete exhibit.

Section B - Plants and Arrangements

Class No.

- *32. Table arrangement of live or dry plant material - not over 12" in diameter and under 8" in height
- *33. Holiday decoration of live, dried, or natural plant materials - no more than 18" in diameter or 24" long
- *In Classes 32 & 33, **containers will be judged as part of the entry.**

Class No.

34. Plaque/picture of dried or pressed materials *Must have signature for State Fair eligibility
35. Other craft projects made with real plant material (e.g. rosebud necklaces, earrings, note cards)
36. Corsage using fresh flowers or dried materials. In transparent bag.
37. Terrarium or closed ecosystem with base, made of live plant materials— **no endangered species allowed**
38. Dish garden made according to the Indoor Garden project, using live plants
39. Potted plant, flower type
40. Potted plant, foliage type
41. Potted plant, vine type
42. Potted house plant - hanging container. More than 1 plant per container accepted
43. Miniature house plant - 2 1/4" - 3" pot maximum - Example, miniature African violet
44. Hanging container with live flowering or foliage plants - (*May have more than one plant*) *ineligible for State Fair
45. Potted Plant - "newly" propagated - Entries in this class will be judged on propagation technique and overall plant health. Exhibitor should be able to describe propagation technique to judge. (Container choice will not detract from scoring in this class.) *ineligible for State Fair
46. Any other article or display not mentioned, made in the Indoor Garden project to include, bottle garden, straw or grapevine wreaths (not decorated for holiday), plantlets, miniature arrangement (less than 6" in height and diameter— including the container, etc. LIST PLANTS USED.

Section C - Collections

Class No.

47. Ten or more common garden insects (with control measure for each) - Labeled and mounted or in appropriate individual containers. *ineligible for State Fair

NOTE: In classes 48-56, each exhibit may be entered as notebooks with **ONE specimen per 8 1/2" X 11" page or on a 22" X 28" poster board with specimens on one side only. Collections should be pressed, mounted and labeled. Exhibits should be from the current year's collection. (Specimens mounted green, not pressed, will **not** be judged.)**

Class No.

48. The leaf, twig (and fruit, flower and seed, where possible) of ten or more ornamental trees
49. The leaf, twig (and fruit, flower and seed, where possible) of ten or more ornamental shrubs
50. Ten weeds common to lawns, flower beds, and/or vegetable gardens
51. Ten annual flowers **OR** ten perennial flowers— **combinations NOT accepted**
52. Ten wild flowers
53. Ten seeds (any single plant type, e.g. 10 fruits, 10 ornamentals, etc.)
 - Clean and dried (not green) Seeds must be harvested by exhibitor.
 - A picture of plant must accompany seeds.

Completed Horticulture scrapbook - a collection of plant pictures and notes. This collection may be cut from magazines, catalogs, illustrations, photographs, etc. Label with common name and brief description.

- Write in the front or back of the scrapbook where your images came from if you did not make them yourself (for example: *Pictures are from W. Atlee Burpee 1998 seed catalog*).
- Scrapbook 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).

Consult the NYS Horticulture Contest Guidelines for the plants that are required in each class. Material should be assembled in a 3-ring binder.

Class No.

- 54. Beginner (15 plants specified from each of the 4 groups)
- 55. Intermediate (30 plants from each group)
- 56. Advanced (45 plants from each group)

Completed Horticulture Flipbook -a collection of plant pictures. Pictures may be cut from magazines, catalogs, illustrations, photographs, etc. Each picture is placed on 5 ½" X 8 ½" page with picture on one side and plant name on other side. Book is to be used as flip book for only plant identification purposes. Material should be assembled in a 3-ring binder.

* Classes 57, 58 & 59 are ineligible for State Fair.

Class No.

- 57. Beginner (15 plants specified from each of the 4 groups)
- 58. Intermediate (15 plants from each of 4 groups - intermediate id)
- 59. Advanced (15 plants from each of 4 groups - advanced id)

Section D - Landscape Pictures and Plans - All collections, pictures and plans must have a clear, protective overlay. Markers, colored pencils or paints may be used to enhance the landscape plan.

Class No.

- 60. Home grounds photographic album with at least six "before" and six "after" pictures of current years work.
- 61. Plan or map of home grounds, drawn to scale, showing 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.
- 62. Plan of home vegetable garden, showing 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 on plan.
- 63. Plan of annual and/or perennial flower garden, showing varieties, name, placement, height and color. Use scale no smaller than 1 inch equals 4 feet. Indicate direction north on plan.
- 64. **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.
- 65. Plan of community service beautification project (See NE117, 'Community Beautification')

Section E - Photo Record Book

Class No.

- 66. Photo Record Book
 - Photos must be taken by 4-H'er.
 - Minimum of 20 photos. The collection of 20 plants can be a combination of several types of plants, such as trees, shrubs, weeds, annuals, perennials, fungi, etc.
 - Identify common and scientific names.
 - List variety, growing requirements, location of plant, where photo was taken and identification sources.
 - No endangered species allowed.

Section G - Experiments

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.

Class No.

70. Propagation
 71. Breeding
 72. Soil Science
 73. Cultural Practices
 74. Miscellaneous
- Entries will be judged according to similar project criteria.

Department 15 - GARDEN ENTRIES

Premiums:	Classes 1 to 51	Excellent - 6 points	Good - 4 points	Worthy - 2 points
	Classes 52 to 59	Excellent - 15 points	Good - 12 points	Worthy - 8 points

- **Only 3 entries per class.** Each entry must be a distinctly different variety type.
- All garden exhibits **must have been grown** in the **exhibitor's individual, family, school, club or community garden** in which the exhibitor has worked, and be part of a vegetable garden project.
- All entries must have common name and variety name (i.e. snap beans, Blue Lake) to be considered for an excellent award.
- These exhibits will be judged on the following standards:

Excellent - Practically perfect, clean, free from injury, best market size and quality, true to varietal characteristics. Exhibits with more than one specimen: only slightly detectable variation in shape color, and degree of maturity.

Good - Clean, slight defects in general appearance, defective and unusable parts should not exceed 5%. Good market size and quality, fairly uniform, good market size, and fairly true to variety type. Exhibits with more than one specimen: 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%, fair market size and quality. Exhibits with more than one specimen: noticeable variation in sizes, shape, color or degree of maturity.

No Award - dirty, serious damage apparent: defective and unusable parts exceed 10%; unsatisfactory market size or quality. Exhibits with more than one specimen; extreme differences in sizes, shape, color or degree of maturity.

Section A - Garden Products

Class No.

1. Beans, lima, 5 pods in edible condition
2. Beans, green snap, 5 pods in edible condition
3. Beans, yellow snap, 5 pods in edible condition
4. Beets, 2, tops cut off to approximately 1 inch
5. Broccoli, 1 head, or bunch of small heads, tied, 4" or more in diameter
6. Cabbage, 1 head, 3 or 4 outer leaves left on

7. Carrots, 3, tops cut off to approximately 1 inch
8. Cauliflower, 1 head, leaves cut just above head
9. Celery, 1 plant, market quality, roots off
10. Chard, 1 plant, clean and trimmed, roots off
11. Chinese Cabbage, 1 head
12. Cucumbers, 2, slicing condition, 5" or longer, stems on
13. Cucumbers, 3, for dill pickles, 3" to 5", stems on
14. Cucumbers, 3, under 3" long for small pickles, stems on
15. Eggplant, 1
16. Endive, 1 plant, clean and roots off
17. Kohlrabi, 2, tops and top root trimmed to approximately 2 inches
18. Lettuce, 1 plant, leaf type, roots off
19. Lettuce, 1 head, roots off
20. Muskmelon, 1, mature
21. Onions, 2, tops off, not peeled, any type - well cured
22. Onions, 3, green bunching type, tops on but trimmed evenly
23. Parsley, 1 plant, roots off, good market size
24. Parsnips, 3, tops cut off to approximately 1 inch
25. Peas, 5 pods
26. Pepper, sweet, 2
27. Pepper, hot, 2
28. Potatoes, 3 tubers
29. Potatoes, 1 pint basket, any named variety, salt potato types, $\frac{3}{4}$ to 1 $\frac{1}{4}$ inch diameter
30. Potatoes, 10, any named variety arranged as an attractive exhibit
31. Pumpkin, 1, field or pie variety
32. Radishes, 3, tops cut off to approximately 1 inch
33. Rutabaga, 1, tops off
34. Spinach, common, $\frac{1}{2}$ pound in transparent bag
35. Spinach - New Zealand, $\frac{1}{2}$ pound bunch of tips, not over 6" long
36. Squash, Summer, 2, straight or crooked neck
37. Squash, Summer, 2, any other variety
38. Squash, Winter, 1
39. Sweet Corn, 3 ears, husks removed completely, shank trimmed to $\frac{1}{2}$ inch, display in transparent bag
40. Tomatoes, green, 2, stems off
41. Tomatoes, ripe, 2, stems off (Cherry Tomatoes enter in Class 47– Miscellaneous $\frac{1}{2}$ pint, stems off)
42. Turnips, 2, tops cut off to approximately 1 inch
43. Watermelon, 1, mature
44. **Miniature Vegetables**, 6 of one type, harvested at small or baby stage
45. **Ornamental Vegetables**, 3, such as miniature pumpkins, gourds, decorative corn; ornamental Kale (1 specimen)
46. **Heirloom Vegetables**, any variety from the Heirloom Garden bulletin or Heritage Corn project, exhibited in same manner as other vegetable classes. (Special consideration will be given to this class as the standards of heirloom crops are not the same as current standards.)
47. Miscellaneous - Any other vegetable not listed above. Display same number of specimens as similar crop listed. (**3 entries allowed**)
48. Vegetable Art Exhibit - These exhibits will be judged on originality and creativity. List vegetables used. Exhibitor should have grown at least 1 of the items used.
49. Herbs, plant in pot or tied bunch - (Dried herbs should be entered in Dept. 23, Class 33)
50. Market display of 4 or more varieties as previously listed to make an attractive exhibit
51. A collection of 3 related types, such as 3 varieties of pepper, or 3 vegetables that appear in an ethnic cuisine
52. Container "Garden" - Planter boxes, large clay/plastic pots, baskets, barrels, crates, etc. Containers can be planted by exhibitor as part of project or purchased and maintained by the exhibitor. (Must have been planted or maintained for **minimum of one month** prior to exhibiting.) Plants and container will be judged as complete exhibit.

Section B - Plant Pathology/ Vegetable Insect & Disease Control Exhibits

Insect and Disease Management on Vegetables projects must exhibit a 4-H member's experience in and knowledge of this subject matter.

Endangered species are not allowed in any exhibit.

Class No.

53. A poster display showing at least fifteen plant specimens should be included, depicting different insect or disease problems. Evaluation will be primarily weighted toward originality of display. 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.
54. 54. 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. All specimens should be labeled as follows: vegetable name; insect or plant disease name; date specimen collected; collector's name and county. A **minimum of five** plant specimens should be included, depicting **different** insect or disease problems. *In order to show at State Fair, minimum of 15.
55. A poster display showing the layout of your garden and indicating specific steps taken to manage pests in your garden within the past year or two. A record book may be presented indicating dates on which problems were observed, treatment utilized and observations made as the effectiveness of these treatments. This poster should attempt to teach those who examine it some of the principles of pest management that you are familiar with. Photographs, drawings and other visual aids may be used where appropriate.

Section C - Horticultural Methods

This section allows participants a chance to explore a unique approach to growing plants. This enhances gardening skills and encourages the participant to think creatively.

Due to the difficulty of reproducing some of the horticultural methods for exhibiting purposes, a poster or poster series format is recommended. Use heavy poster paper (14" x 22" minimum) as background. 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) what you conclude. In addition, an exhibit of the method itself can be displayed.

Class No.

56. Hydroponic Gardening
 57. Season Extender Methods
 58. Propagation
 59. Miscellaneous - any horticultural method not listed (e.g. "The Three Sisters")

Department 16 - FRUITS & NUTS

Premiums: Excellent - 10 points Good - 6 points Worthy - 4 points

- **Two entry per class.** Each entry **must be a distinctly different variety type.** All exhibits must have been grown by the exhibitor and of uniform size, shape and color. Nuts grown in previous year may be entered.

Section A**Class No.**

1. Apples, 3 specimens
2. Blueberries, ½ pint basket
3. Cherries, ½ pint basket, with stems
4. Grapes, 1 bunch

Class No.

5. Peaches, 3 specimens
6. Pears, 3 specimens with stems
7. Plums, 3 specimens
8. Raspberries, ½ pint basket

Class No.

9. Strawberries, 1 pint basket, caps on
10. Miscellaneous - any fruit not listed, display same number of specimens as similar crop listed
11. Nuts, all - ripe, dry, unshelled, ½ pint, any single variety
12. Market display of 3 or more varieties as previously listed to make an attractive exhibit

**Department 17 - CONSERVATION, NATURAL RESOURCES, FISHING,
 FORESTRY, WILDLIFE and SOILS**

PREMIUMS: Excellent - 10 points Good - 8 points Worthy - 6 points

- All exhibits in the department should reflect the exhibitors age, and level of familiarity with the project area.

- All projects must include a project story (essay) stating why the project was interesting to you, it's relevance to natural resources and/or environmental education, detailing the information and lessons you learned, and how the projects might be used by others to learn about and appreciate the natural world. For example, if the exhibit is a bluebird box, the essay may include an explanation of: why you chose the project, what made it interesting, what about the box makes it a good home for bluebirds, observations/plans you have to learn about bluebird behavior, why should people use bluebird boxes, how this project relates to the environment and natural resources, and what you learned while doing the project. **Without a written story, the placing will be dropped 1 place; Example: A blue will be dropped to a red.**
- **TEN entries per class - No TWO to be the same item**

Section A - Conservation

Class No.

1. **FORESTRY**—All entries from any forestry project, including: "Know Your Trees" (The project record must accompany the book), "Know Your Woods," "Maple Syrup", "Trees From Seed", "Growing Christmas Trees" and "Woodlot Management, or any other forestry exhibits based upon national, regional, county or self-initiated projects.
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. There must be a minimum of five flies for a fly tying exhibit.
3. **WILDLIFE**—Project topics to include; Bird Study, Habitat Improvement, Trapping Furbearers, and other wildlife projects: "Furbearer Management", "Habitat Improvement", and "Bird Study", "Birds in Your Backyard", "Bluebirds", Wood Ducks, etc. among others.
4. **ENVIRONMENTAL AWARENESS**—This class includes exhibits made in the following 4-H projects: "Nature Trails", "Let's Explore", "Environmental Awareness", "Recycling" and "Water Quality" among others. Interpretation of aerial photographs, vegetation maps or demonstrations of ecological principles.
5. **GEOLOGY**—Simple collections must include the specimens names, dates of collections, specific sites of collection (distance and direction to the nearest town, county, state, or province, and the collectors 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.
6. **RESOURCE BASED RECREATION**—"Outdoor Cookery", "Shooting Sports", historically accurate clothing, accouterments, and accessories, exhibits or records, orienteering, cross-country skiing, snowshoeing, wilderness camping, snowmobile and boating safety exhibits are to be entered in this class.
7. **REUSE and RECYCLING**—Exhibits based on recycling or composting in the home or community. Clothing crafts and other items created using post-consumer waste materials.
8. **MISCELLANEOUS**—Projects in forest pathology, water quality and "Fun With Fungi", and Field Identification, may be included in this class. Photo documentation, sketches, or preserved specimens (must be labeled) of projects which are not eligible for other classes may be entered in this class.
9. **Special Habitat Enhancement Project**—Club or individual efforts will be judged. Must include three or more, different examples. Could include drawings, photography, miniatures, among others.

Department 18 - HONEY

Premiums: Excellent - 15 points Good - 12 points Worthy - 8 points

- **Two entries per class**
- All honey must be of current season's crop. It will be judged by physical characteristics.

Section A - Honey/Bee/Apiculture Exhibit

Class No.

1. **Liquid Honey:** Each entry to consist of 1 queenline one pound jar. (Queenline jars are flat on the wide side and scalloped on narrow sides). No labels permitted except on bottom.
2. **Comb Honey:** Each entry to consist of three sections, wrapped in plain cellophane or appropriate container.
3. **Bee/Honey Products:** Project should consist of an item made from beeswax. Examples include candles (at least 2) and lip wax.
4. **Poster Display:** 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.

Department 19 - ENTOMOLOGY (INSECTS)

PREMIUMS:	Classes 1-2	Excellent - 20 points	Good - 16 points	Worthy - 10 points
	Classes 3-5	Excellent - 10 points	Good - 7 points	Worthy - 4 points

- **Only one entry per class**
- Entries will be judged on the amount of skill shown in making the exhibit or article.
- Insect collections should be in appropriate box, preferably the regulation box as called for in the Project Guide M-6-I. The collection record form **must** be displayed with the insect collection. Judging will be based on order, specimens, identification, mounting and labeling, arrangement and neatness.

Section A - Insects

Class No.

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. Mounting: 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 below or near the specimen (easily visible, to aid in judging). Addition of scientific names is optional in this Class. Mounting: 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.
3. **Single Collections By The Combined Efforts Of The Club** - May be any kind of insect collection or may represent a group activity that can be presented as an exhibit. Evaluation will be based on number of members and completeness of the exhibit.
4. **Insect Collecting or Mounting Equipment** - Equipment displayed in this Class is limited to insect nets, spreading boards, and collection display boxes.
5. **Monarch Watch Project** - This project allows participants a chance to explore the growth of a butterfly from larvae through adulthood, tagging and release. Due to the difficulty of reproducing this project for exhibiting purposes, a poster or poster series format is suggested. Using heavy poster paper (14" x 22" minimum) as background. Glue or tape photos or diagrams, along with your description within these sections: 1) introduction, 2) methods, 3) observations, and 4) what was learned at conclusion of this project.

Department 20 - S.T.E.M.

(Woodworking, Electrical, Weather, Rocketry, Energy, Robotics & Computer based projects)

PREMIUMS:	Classes 1-4	Excellent - 12 points	Good - 8 points	Worthy - 4 points
	Class 5-20	Excellent - 20 points	Good - 8 points	Worthy - 4 points
	Classes 6-31	Excellent - 12 points	Good - 8 points	Worthy - 4 points

Judging will be based on the exhibitors age and years in the project. Articles in this section must have been made during the current project year. If power tools are used by youth to make the project, youth must be 13 years or older. Youth ages 11-13 may use power screwdrivers, and cordless drills. All other tools may be used for youth ages 14 and up.

Exhibitor may have more than 1 entry per class as long as each significantly different and/or uses different techniques.

*Bluebird houses are under **Department #17 Section A Class 3**

Section A - Handyman/Woodworking

Class No.

1. Hand Tools: Any article that was cut out, assembled, and finished with hand tools only.
2. Power Tools: Any article that has been partially or totally completed with power tools.
3. Kits: Any 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. No commercial names on exhibits.
4. Any 4-H Handyman article such as saddle bags, rope project exhibits, leather craft, and not included in Class 3.
5. Advanced Woodworking - Youth with at least 3 years in woodworking projects - judging will be very strict. Entries receiving a **blue award will receive 20 premium points.**

Section B - Electrical

Class No.

6. Any article made in the 4-H Electric Project, such as a lamp, test lamp, portable bench light, extension cords, pin-up or study lamp, or the rewiring of an old lamp are acceptable. Underwriters knot must be evident in light socket wiring. Molded plugs are acceptable on lamps. Polarity of wiring must be correct. 3-conductor wiring requires grounded plug. Underwriters knot should be evident in grounded plug if the plug can accommodate the knot. **Lamps without bulbs or shades will not be considered complete** and will be marked down one placing. Projects involving both woodworking and electrical skills will be judged on the merits of both (**one premium**). Tension restraint device must be in place.
7. **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. Project must be operable (i.e. contain all necessary batteries). **In addition to Exhibitor Entry Card and Statement, include a short explanation of why or how the exhibit works and what use it has.**

Section C - Other

Class No.

8. Energy Conservation or Awareness: Any exhibit presenting methods or technologies to conserve energy or demonstrate energy awareness.
9. Electronics: Any article made in the 4-H Electric Project utilizing principles and construction procedures relating to electronics is acceptable. These projects will be judged on the basis of soldering and connection techniques, neatness of assembly, and other assembly procedures for electronic project. No kit boards. The project must work.
10. Any educational display related to an engineering science project will be accepted. The display must be three dimensional in nature (not a poster). It must serve as a self-educating tool that does not require an operator to be present to supervise utilization of this educational display. Items such as engine parts, display boards, demonstration models, electric wire sample boards, circuit and splice boards, etc. would be included in this class.

Section D- Engineering

Class No.

11. **Junior Division:** Any rocket made in a rocket program either from a kit or non-kit materials and assembled and finished by youth 13 years of age or younger. Evaluators will place emphasis on proper kit assembly and finishing.
12. **Senior Division:** Any rocket made from non-kit materials and totally constructed and finished by youth 14 years and older. Emphasis placed on proper construction techniques and finished project.

Constructed projects with manufactured components

General Information: Youth entering projects in the following classes used manufactured construction pieces to complete projects. Examples are Lego*, K'nex*, Brio*, and Mechano*, but projects are not limited to these examples. Projects can use incorporated design, following instructions, three dimensional thinking, design modifications, problem solving, and creativity, architecture, and structural design, principles of mechanics and use of color in the planning and design process. These skills relate to the professions of engineering, science construction, architecture and art. Judging will be based on completion, complexity, presentation and explanation of design, understanding of principles and visual presentations. Must include following:

- A. Number of pieces: Youth must know the approximate number of pieces used in assembly. For kits, this number is on the box. It is understood that after a long creative process, it may be difficult to know exact number of small pieces; the youth must provide an estimate rounded to 25.
- B. Diagram: Diagrams are required. A diagram could be a photograph printed on printer paper, a scale drawing on graph paper, a photocopy of an instruction sheet or a variable scale rough drawing. Relevant labels and explanation must be added. The diagram must include: 1) Name of youth; 2) The title of project; 3) The exact of approximate number of pieces and 4) A self-judgment of complexity level (a. Easy - less than one hour to assemble; b. Medium-1-3 hours construction time or c. Complex-more than 3 hours of construction time). Junior may use a photocopy of kit provided drawings for basis of their diagrams, but brand logo **MUST** be covered and not visible. The diagram can be displayed in a plastic stand, mounted on poster board or attached in a folder. Art value, ability or written work to attract, use a color and use of font add to design presentation.
- C. Protection: Youth may prepare a display box for the project. There is no evaluation or points for this box, it is merely protection. A simple box could be a cardboard box with two sides removed and replaced with clear plastic.
13. **Kit:** Restricted to juniors (ages 8-13) and exhibitors are limited to two projects in this class. If two projects are entered, they must differ significantly. Youth must enter a completed kit. Original story must describe design process, and play with model.

Judging criteria: completion, complexity (number of pieces), diagram (of completed model and key elements labeled), explanation/story (explanation of the design process, difficulties, and interesting elements; describe play value, what steps could be taken to improve model) and overall presentation. No commercial names on exhibits.

14. **Original Mode:** Youth are limited to two projects in this class, projects must differ significantly. The project can be a scene, diorama, model, building, vehicle, plants or creature. Judging criteria: completion, design (number of pieces, moving parts - gear systems, axle systems (wheels), hidden entrances, pulleys, joints, projectiles and hinged components; unity of design - originality, use of color, symmetry of creativity, fully developed concept diagrams - comprehensive and detailed; and overall diagram of completed model with key elements labeled, of moving part(s) or independent component; explanation/written report - of design process, difficulties encountered and their solutions, description of play value, future expansion of project and overall presentation.
15. **Model Demonstrating a Mechanical Science Concept:** Projects must be original, no kits and can include level arms, gears, pulleys, friction, belts, airfoils (flight, wind), catapults and load bearing bridges and beams. Science concepts can include energy transfer, stress analysis, Newton's Laws, gravity, etc...Entries in this class must include a working model, an equation describing a principle of science, a labeled diagram of the project and written explanation of the science involved, Evaluation will also include presentation and visual impact of the project. Youth may conduct experiments with model and provide written report. Judging criteria: working model that demonstrates a principle of mechanical science, must move or work as necessary, scientific equation that relates the principle, including clear definition of each term with equation displayed; labeled diagram provided that labels major parts of the model and also notes how parts or movement relates to equation; written report (no more than 2 pages) which explains the principle and how model illustrates the principle (may include additional pages of experimental results using the mode;) written explanation that explains design and construction of the model, including any difficulties and how they were overcome, description of the principles of mechanical science that is demonstrated, clear understanding of scientific principles and explanation of how the model illustrates principle; and overall visual impact of project as prepared for display, including attractiveness of display.
16. **Transportation Design:** applies transportation pieces such as Brio* in which youth design a transportation system (road, railroad). Drawings are to be hand drawn. Judging criteria: Presentation labeled with name of exhibitor and title of project to include schematic of system drawn to scale, roads, railroads and bridges clearly labeled or identified in the legend, seniors to use 11x17 drawing paper, must have fully developed concept, clear details, completeness of system (no dead ends) and show creativity, legend that explains the meaning of symbols such as roads, railroads bridge, water, vegetation, buildings, written explanation that explains the design and purpose of the system, problems encountered and their solution and directions project could take in the future, and overall presentation, visual impact as prepared for display and attractiveness.

3D Printing

General Information: 3D printing uses plastic or other materials to build a 3 dimensional object from a digital design. Youth may use original designs or someone else's they have re-designed in a unique way. Youth must bring their finished printed object (we cannot print object at Fair). Exhibits will be judged based on the complexity of the design and shape. Must include the following:

- A. Software used to create 3D design.
 - B. Design or, if using a re-design, the original design and the youth's design with changes.
 - C. Orientation that the object was printed.
17. **3D Prototypes:** 3D objects printed as part of the design process for robot or other engineering project. Must include statement of what design question the prototype was supposed to answer and what was learned from the prototype.
 18. **3D Unique Objects:** 3D objects printed for their own sake. May be an art design, tool, or other objects.

Engineering Educational Displays

19. **Displays:** may be a series of posters and 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 (but not limited to) engine parts or bicycle parts display boards, electric circuit boards, electric quiz games, safety rules for bicycling or working with wood or electricity. Entry will be evaluated on the purpose or principle idea, effectiveness in illustration idea, appearance, arrangement and description of the display.

Related Engineering Projects

20. Any article made as part of a directly related Engineering Science project, such as metal working, cardboard carpentry, and safety items and not included in other classes. Kits are not acceptable for senior division (14 years and over).

GEOSPATIAL SCIENCE

Exhibits that show skills and knowledge learned through 4-H GPS and GIS projects.

GIS maps: Maps made using ESRI (Environmental Systems Research Institute, Inc.) Arc GIS software or other mapping software.

Criteria and Guidelines for Community Mapping Projects can be found on NYS 4-H web page. GIS map exhibits may be selected for display competition sponsored by NIFA and National Geographic Society.

Class No.

21. **GIS or GPS Project or activity:** may be undertaken by individual or group. Exhibit may be in form of project record book, photo documentation, video, CD, DVD, etc.... Exhibit must include project report documenting statements of purpose and outcome of project activity.
22. **Story or Outline of a 4-H GIS or GPS Project:** including photos, purpose of activity and summary of results.
23. **Community Service/Youth Community Action Mapping Project:** a mapping or GPS project built around a specific community issue or project.
24. **Educational Poster Exhibit** displaying 4-H GPS or GIS activities.
25. **Public Presentation** on 4-H and Geospatial Sciences.

RENEWABLE AND SUSTAINABLE ENERGY AND CLIMATE CHANGE

Educational exhibits/display(s) describing your 4-H project work done in areas of Renewable Energy (solar, wind, geothermal, bio fuels, hydro-electric); Energy Conservation (home, school, community); Tracking (or studying) Climate Change; Activities/Studies related to managing "Carbon Footprints" in environment. Exhibits may consist of stationary or working models, posters, photo story/display or electronic media. Electronic media must be submitted on a storage device like a CD or flash drive. Information must be included on media to indicate method of viewing entry. A short description of what was undertaken in the project, your experience and what you learned through project must be included. This can be included in the entry itself or on the Exhibitor Information card. Note: some energy exhibits may fit in other classes - select only one class to enter your exhibit.

26. **Renewable and Sustainable Energy**
27. **Climate Change**

SCIENCE EXPERIMENTS AND EXHIBITS

Individuals and groups are encouraged to enter exhibits/displays emphasizing what they learned and experienced in learning about science concepts in areas of agriculture, human ecology, life or physical sciences. Any type or combination of science projects along with creativity is encouraged.

28. **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. Use display board or poster board for display. Include experiment description, introduction, hypothesis, methods, results and your conclusions.
29. **Public Service/Civic Engagement Projects:** Exhibits can be of any public service or public education activity you took part in that had a scientific component. Examples may include watershed rehabilitation, recycling programs and educational models. Project exhibit posters/display 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.
30. **Descriptive Science:** Science projects that are not experiments and service projects but do consist of systematic observations and tell us about the natural world. Exhibit could show summaries of what you observed (ex: 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). Could present collections and classifications of materials which display physical or biological articles.
31. **Citizen Science:** is the engagement of public participants in real-world scientific collaborations—asking questions, collecting data, and/or interpreting results. A display or record of participation in a Citizen Science project, could be part of a local, regional, national or international project, but needs to include some kind of connection to scientists, researchers, or, policy makers and contribute to scientific knowledge that will be put to some type of use (by researcher, policy makers, etc.) Examples include: Wasp Watchers, Project Feeder Watch, eBird, Lost Ladybug, Adopt a Pixel, Nature's Notebook, or a local project. For more information: <http://www.birds.cornell.edu/citescitoolkit/contexts/youth-development/4-h/>

Department 21 - COMMUNICATIONS AND EXPRESSIVE ARTS (formerly BOOKS/NOTEBOOKS)

PREMIUMS: Class 1 Excellent - 10 points Good - 8 points Worthy - 6 points

****Rule**:** All exhibits **must be a 4-H Achievement Book or Project Notebook**. No personal/school scrapbooks are eligible. This section is **intended** to be a showcase for projects that fall under the national curriculum category, Communications and Expressive Arts.

- All work is to be completed by the individual youth exhibitor in the current 4-H program year.
- Creative work should not contain content that would be inappropriate for the general 4-H audience. Any use of unsuitable language or story themes will not be accepted.

Section A - Books/Notebooks

Class No.

1. WRITING/PRINT

- A. **Achievement/Record Book** - The Book is a collection of items assembled to demonstrate involvement in projects and activities during current 4-H year. Evaluators will be looking for an attractive cover and title page, a table of contents and/or the use of section dividers, and content that reflects involvement in 4-H experiences such as leadership experiences, marketing/public relations, exhibits, projects, community service, presentations, and other activities completed in the current 4-H year. All items such as ribbons, certificates and pictures displayed in the book should be labeled to reflect what experiences they relate to. The book must contain a story that summarizes the accomplishment and skills learned throughout the current year in 4-H. The inclusion of activities that are not 4-H related is acceptable but should be kept to a minimum, keeping the focus on 4-H work. **Books must be signed by the leader for the previous 4-H year.**
- B. **Scrap Book** - The Scrap Book reflects the use of creative scrapbooking techniques to tell about events and/or activities. The theme may be 4-H or non 4-H in nature. The Scrap Book must have been completed in the current 4-H year. Exhibits will be evaluated on overall appearance and creativity and the appropriate use of scrapbooking techniques to tell a story. If the scrapbook reflects the activities of the 4-H Club, the work must be completed solely by one 4-H youth member and not be a group/club effort. Club scrapbooks may be entered in the open class category.
- C. **Press Releases or Editorials** - Entries submitted need to demonstrate the 4-H youth member's ability to share information with the various media outlets for the purpose of informing the public about their achievements and accomplishments during the current 4-H year. If the press release was printed in the local newspaper, please include a copy of the published release, indicating date of release and title of publication.
- D. **4-H Portfolio** - Portfolio should include the completed NYS Portfolio Summary Document found in the Club Management Notebook, appropriate project 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. Exhibitors are expected to pay attention to formatting, spelling and grammar usage. 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.
- E. **Creative Writing** - Creative writing will be evaluated on content, standard punctuation and grammar, rhyme (if applicable), use of expressions, actions, dialogue and overall "tone" of the written piece. How the piece is presented and neatness and creativity of the presentation will also be considered in the evaluation. **There is a limit of six one sided pages, however if a piece is longer, the exhibitor can enter a synopsis along with the total piece. The synopsis can be no more than the six page limit. Recorded oral presentation of the work can also be submitted with the written work.**
1. Fiction-Writing can be presented in any form of genre such as a story, letter, poem or script for stage or screen.
 2. Non-Fiction-In this form of creative writing the author uses self-exploratory writing that draws on personal experiences. The format could be an autobiography, personal story, letter, poem or script for stage or screen that are based on true-life experiences for the author.
- F. **4-H Project Notebook** (Any project) The notebook is assembled to record specific project work. Include the project manual and additional materials which could include one or more pictures of the 4-H'er participating in the project, a story of project activities, and support materials such as recipes, targets, charts or results from experiments, or cost comparisons.
- G. **4-H Project Resource Notebook** (Any project) Assemble a notebook of skills, techniques, and resources specific to a project. This may include such things as: seam finishes, ways to tie flies, shooting positions, or food preparation and cooking methods. Information about how to prepare a notebook is available from the 4-H Office.

Department 22 - PHOTOGRAPHY

Premiums:	Classes 1-4	Excellent – 7 points	Good – 5 points	Worthy – 3 points
	Classes 5-11	Excellent – 11 points	Good – 8 points	Worthy – 6 points
	Classes 12-13	Excellent – 20 points	Good – 15 points	Worthy – 10 points
	Class 14	Excellent – 40 points	Good – 30 points	Worthy – 20 points

- There is a maximum of 15 entries per exhibitor, excluding Section D entries. Advanced Challenge Class. All photographs must have been taken by the exhibitor during the current year (except class 13) and should reflect a meaningful, thoughtful process. All entries must be suitable for **all ages**.
- Judging will be evaluated on technical quality, including image resolution, quality of printing, composition, artistic merit, storytelling ability, selection of title, exhibitors age and experience.

- Exhibit is to be mounted on matt board or foam core. Entries may be single or double mounted in traditional fashion. **Any other mounting materials are prohibited. No entries under glass or wrapped in plastic will be accepted.**
- Photographs are to be at least a minimum size of 4"x6" and no larger than 11"x14". Matt board or foam core should be no larger than 16"x20", excluding classes 8 and 14.
- Entry card is to be mounted (taped) to the back of the exhibit. The title of the photo is to be listed on the "variety" line of the card. Also include a brief description of editing that occurred, example-changed photo to sepia. On entry card AND entry form indicate if digital or conventional film was used.
- All edited photographs **MUST** be accompanied by a thumbnail print of the original image taped to the back of the exhibit.
- If a photograph is selected for State Fair a digital copy along with additional information will be required.

Section A—Single Prints—Limit of 6 entries per class in this section.

1. Single Unedited Digital Image. Picture comes straight from the camera=no modifications.
2. Single Slightly Edited Digital Image. Image somewhat digitally edited or enhanced. Modifications may include: changing color, cropping, sharpening, blurring, brightness or contrast changes. Thumbnail of original image shall be taped on back of exhibit.
3. 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. Thumbnail of the original image shall accompany exhibit.
4. Using Multiple Digital Images. Multiple images may be combined to create a single print (prints may mix color and monochrome images for extra impact. Thumbnail of the original images shall accompany exhibit.

Section B - Photo Study Classes - Limit of 2 entries per class in this section.

Note: classes 5-9 must be film OR digital images – exhibits cannot combine both types.

Class No.

5. 4 Photos demonstrating 4 methods of isolating a subject – no more than 3 objects allowed in each photo.
6. 4 close-up photos with a different main light source in each – front, side, back and diffuse.
7. 4 photos illustrating one composition element (hidden lines or shapes, framing, patterns, perspective, mood, or texture).
8. Photo story – 4 to 8 photos of similar size with different actions or scenes that show a process, or tell a story.
9. Restoration/editing techniques - entries in this class should demonstrate the process used to restore old photos, or edit digital prints. Include the "before" and "after" prints as well as process stages (4 photos preferred) as well as a short statement describing the process and desired result. This class may begin with a film print - scan, edit and finish with a digital image.

Section C - Videography Photography - Limit of 2 entries per class in this section.

Judging will include technical quality, organization, communication of theme, and creativity. Entries should be submitted on flash drive, sd card, cd or dvd.

Class No.

10. Video project: Entries should be "how-to" presentation of 4-H project or activity. Minimum of 5 minutes in length (similar to public presentations).
11. Open video - Any other creative short feature – do not forget emphasis on technical quality. Class 11 may include cell phone camera "mini" clips, or flip video style clips, or you tube video style including animated digital video. Minimum 30 seconds in length.

**** Entries required as MP4, .avi, or .mov file types. Must be loaded on flash drive or smart card.**

Section D - Challenge Photo Classes - Note, the following classes are not subject to the 15 entry per exhibitor maximum. These classes are provided to encourage our experienced photographers to raise their skills to a higher level. Read section descriptions carefully for judging standards, premiums, and exhibit limits.

- **Minimum of 3 years experience in the 4-H photography program is required.**
- **All entries MUST specify film or digital - and indicate if digital photos are unedited, or edited. All digital entries must be accompanied by thumbnail images on the back of the entry.**
- **Entries in this class will be judged to higher standards - "good" and "worthy" entries in this class might be expected to receive blues in section A or B. Judging should be face to face for exhibitors to understand award decisions and benefit from the judge's perspective and experience.**
- **Judging in this section should be expected to be a more subjective artistic experience - similar to open class standards. Exhibitors will be expected to use more creative techniques in composing photographs.**

Class No.

12. Single Enlargement – **minimum size 8" by 10" or larger. Limit of 2 entries in this class.**

Portfolio Classes – Limit one entry per class.

13. Photography Portfolio – Create a portfolio of 10 to 15 photographs minimum with at least 8 from current project year. (include a majority of 8" x 10" photos as well as 5" x 7" and 4" x 6" photos). Develop a cover letter, resume, or college application to accompany your portfolio. You are selling yourself as a photographer, or applying for admission to a college – be prepared to convince the judges they should accept your application, or hire your professional services! Photos should reflect a theme (even if an "open" college portfolio) – be prepared to explain your theme to the judges.
14. Presentation portfolio – This class should include 5 or more images along with a presentation narrative. This may be 1 to 3 presentation size display boards (**16 by 20 size is waived for this class – typical 20" x 30" foam core boards may be used**) with images and written narrative, or a power point or publisher digital presentation – narrative may be text on power point slides, or audio. Please include a one or two page hand-out to accompany the exhibit. Portfolios should feature Saratoga Agriculture, or introduce the public to 4-H clubs, projects, or county programs. These should be educational in nature – demonstrate the roles, methods, or impacts of agriculture or 4-H on life in Saratoga County – focus on a particular industry or season – or give a wider overview (portfolios featuring the uses of the 4-H Training Center are especially welcome). Exhibits should be suitable for display at a variety of public events – be prepared for requests to use your presentation at official functions!

Department 23 - FOOD AND NUTRITION

Premiums: Classes 1-37 Excellent - 8 points Good - 6 points Worthy - 2 points

Rules:

- An exhibit is: 3 samples of small items (cookies, muffins, cupcakes, rolls, bread sticks, 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).
- Include a recipe card - product name, ingredients, preparation steps, yield, and recipe source - with all baked, canned, jams and jelly entries. If missing, item will be dropped one award. **Indicate how the recipe was modified to make it healthier.**
- Exhibitors may have more than one entry per class as long as it is a **different recipe**.
- **No exhibit** (i.e. drop cookies) can **be entered in more than one class**.
- All baked entries are made from scratch by the exhibitor. No box mixes, refrigerated or frozen dough's are permitted. Use of bread machines allowed **ONLY** in **Class 20**.
- Remove all items from baking pans (except pies) and exhibit on paper plates or foil-wrapped cardboard. Do not bake muffins or cupcakes in paper or foil liners.
- Please do your best to demonstrate good nutritional choices in your recipe.
- The recipe may not include alcohol (this does not include vanilla which is a standard ingredient in recipes) as one of the ingredients.
- No exhibits requiring refrigeration (cream or custard-based pies, cakes) are allowed.
- Use tape or twists to attach tags and recipe. **NO STAPLES please.**
- Cakes entered in Classes 8 & 9 only are to be **unfrosted**

* Indicates classes with State Fair opportunities. Exhibits requiring refrigeration (cream or custard based pies, cakes) cannot be considered for State Fair.

Section A - General Items

Class No.

- * 1. **Cookies** - Drop or Hand-Shaped, Pressed, Pan-Baked, Rolled or Refrigerator - examples: drop-chocolate chip, applesauce, oatmeal; hand-shaped peanut butter, snickerdoodles, crinkles; bar-date bar, pumpkin bar, brownies, layered fruit bars or other batter cookie. No frosting or added decorations that are not part of the recipe. Hand-shaped cookies can be rolled in sugar if part of recipe.
- * 2. **Muffins** - Plain, whole wheat, cornbread, bran, apple, or other. No toppings.
- * 3. **Biscuits or Scones** - Plain, whole grain, flavored, or other shaped (rolled & cut) biscuits or scones. No toppings.
- * 4. **Loaf Bread (NOT yeast leavened)**. Banana, blueberry, apple, pumpkin, or other bread baked in a loaf pan. **NO TOPPINGS**.
- * 5. **Yeast Rolls** - Plain, whole grain, flavored, or other yeast rolls of any shape; does not include fancy rolls with fillings or frosting.
- * 6. **Yeast Bread** - Plain, whole grain, flavored, or other baked in a loaf pan.
- * 7. **Shaped Bread** - An exhibit is any small (such as pretzels, 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.

- * 8. **PLAIN CAKE.** An exhibit will consist of one-half of the following: 1) plain cake (spice, chocolate, butter) baked in a pan approximately 8-9" (round or square); or 2) a foam-type cake (angel food, sponge, chiffon) baked in a tube pan, approximately 9-10". Unfrosted. Cakes with frosting or topping may be entered in Grown in NY, Heritage/Cultural Foods.
- * 9. **CAKES WITH NUTRITIOUS INGREDIENTS** - An exhibit will consist of one-half of a cake which is made with vegetable or fruit (no fruitcakes), such as carrot, applesauce, beet, sweet potato, cabbage, etc. Baked in an appropriate size pan, approximately 8-9" round or square or 9-10" tube. In evaluating nutritious cake, more consideration will be given for nutritious ingredients while recognizing the cake will be heavier and moisture content will vary. Unfrosted.
- *10. **CAKE DECORATING** - Frosted and decorated cake or special occasion disposable form or 3 cup cakes for a birthday, anniversary, graduation, etc. Decorations need to be made with decorator's frosting using decorator's tips. Candies, actual flowers and other decorations can only be added to enhance the frosting decorations, not used alone. Include on exhibitor entry statement card what occasion the cake/cupcakes is to be used for.
- *11. **PIES** - Fruit pies - 2 crust pastry. Top crust can be latticed or decorative pastry, no crumb toppings. Ex. Apple, blueberry, cherry, etc. Please enter in disposable pie pans 6" or larger. **No exhibits requiring refrigeration (cream or custard-based pies, etc.) are allowed.**
- *12. **TARTS OR TURNOVERS** - 3 items make an exhibit. Ex. Peach tarts, apple turnovers, etc. **No exhibits requiring refrigeration are allowed** at the State Fair.
- *13. **Healthy Baked Product** - An exhibit is any baked product that is made with less sugar, fat or salt, altered using a sugar or fat substitute or gluten free. The recipe must clearly state ingredients and methods used. An explanation of why you made it healthy, made changes to the recipe or used gluten-free ingredients must be included. Cookies, loaf bread, cake, cupcake, coffee cake, muffins, pies or other baked items.
- *14. **Grown in New York** - An exhibit is a sample of any baked product that contains a fruit, vegetable, honey or maple syrup 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.
- *15. **Heritage Foods/International Foods** - An exhibit is a sample of any baked item associated with family traditions or history/with customs and traditions of a country or populations of the world and must include: (a) recipe and (b) family history/traditions or historical background/context associated with the food and traditions associated with preparing, serving and eating the food. Cookies, muffins, bread, cake, cupcakes, coffee cake, pie, or other baked items.
- *16. **Healthy Recipe Collection** - An exhibit is at least 6 recipes (displayed in 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 MyPlate.gov; (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.
- *17. **Heritage Recipe Collection** - An exhibit is at least 10 recipes (displayed in box, notebook, or file folder; can include photos or illustrations) that depict 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 yourself 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.
- *18. **Educational Poster** - An exhibit is a single poster (14" x 22", minimum size) on any aspect of food or nutrition. Examples include messages that promote: Dietary Guidelines or My Plate; physical activity; food safety; reading labels and making ingredient choices; or other food and nutrition messages. Entries will be evaluated on the basis of content, composition, and effectiveness.
- *19. **Educational Exhibit** - An exhibit is a series of 3 or more posters (14" x 22", minimum size) or a 3-dimensional display on any aspect of food or nutrition studies by a group or individual. Examples include: science experiments; cultural aspects of food; food preparation skills; positive health practices; or any clearly defined food or nutrition message. The display can include photographs, drawings, food products, food models, equipment, or any materials that help convey the message. The exhibit should be limited to approximately card table size. Entries will be evaluated on the basis of content, composition, and effectiveness.
- *20. **Food Technology Exhibit **NEW**** -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.). Include recipe and why you used this method.

Section B - Miscellaneous Items

Class No.

- 21. **No-Bake Snack**, such as no-baked cookies or Cookies in a Jar
- 22. **Decorated Cake or Gingerbread House** - Decorations only will be judged. Base can be anything, i.e. pan, box, etc.
- 23. **Pet Treats** - An 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. Include a recipe card and the reason for the treat, such as a fund raiser, community service, or for your pet.

Section C - Food Preservation

PRESERVED FOODS - Any processed food, including dried, foods and maple syrup will be evaluated based on appearance and process used plus TASTE. Exhibitors, please bring 2 samples. One for tasting and one to be displayed **Because of food safety concerns, the 2nd sample will not be tasted or opened just on display.**

- All canned foods must be processed in standard clear-glass canning jars with self-sealing, two piece lids
- Jars must have a vacuum seal. Jars must be exhibited and judged without screw-bands.
- Label on **top of jar** must include contents, type of processing (boiling water or pressure), date of process, and altitude adjustment. (Time and method of process should agree with USDA/PNW recommendations.)
- Appropriated head space requirements must be followed: 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 (1994 or later) USDA/PNW recommendations; b) Paraffin sealed jams and jellies; c) Jars with zinc lids; d) Foods in green glass jars or nonstandardized jars; e) Foods that have been improperly processed or packed; f) Jars with more than 2" head space; 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.), h) Jars or foods that were made and processed over one year ago.

CANNED/DRIED/DEHYDRATED FOODS

Criteria for Exhibiting Home Dried/Dehydrated Foods

- Dried foods must be displayed in either clear one-half pint zip closure bags or glass jars with tight fitting lids.
- Foods in unapproved containers or more than one year old will be disqualified.
- Top of jars must be labeled with the product and date processed. Do not put labels on the sides of the jars (this makes it difficult for judges to view the product).
- Attach a separate card securely to the exhibit and include:
 1. Method of drying (Dehydrator, oven)
 2. Time and Temperature of drying
 3. Pre-treatment method (if used)

Class No.

Canned

24. Marmalade - 1 jar
25. Jam - 1 jar
26. Jelly - 1 jar
27. Fruits - 1 jar
28. Vegetables - 1 jar other than tomatoes
29. Tomatoes
30. Juice - 1 jar
31. Pickles, relishes, salsa, BBQ sauce - 1 jar
32. Other

Jarred

36. **Maple Syrup** - An exhibit will consist of homemade maple syrup in a clear glass bottle appropriate for syrup products. Exhibitor entry statement card should include the process used to make the syrup and the resource(s) of their information.
37. **Open class.** An option deemed to be worthwhile, but that falls outside of the categories described above.

Dried

33. Herbs - (minimum of 1 tablespoon)
34. Fruit
35. Other Food

Department 24 - CLOTHING AND TEXTILES

Premiums:	Classes 1, 6-9, 14-17	Excellent – 10 points	Good - 7 points	Worthy - 4 points
	Classes 2, 4, 5, 10, 11	Excellent - 13 points	Good - 10 points	Worthy - 7 points
	Class 3	Excellent - 16 points	Good - 13 points	Worthy - 10 points
	Classes 12 & 13	5 points plus a participation ribbon		

- Do not bring garments on hangers which you would like returned.
- Articles in this section must be constructed by the exhibitor, with the exception of Class 9.

- In addition to the entry tags, a card must be fastened inside hem or lower edge of garment with the following information: a) Name of exhibitor; b) name or source of pattern, for state fair it is recommended to include pattern envelope and/or directions, if possible; c) fiber content of item when available; d) care label information; e) 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; f) Where did you get your ideas from (name of 4-H Project?); g) how many years sewing.
- Garments not completely and/or correctly labeled will be marked down one placing.
- Exhibitors may only enter items in the class corresponding to years in project work (excluding Cloverbud years).
- Exhibitors may have up to **10 entries per exhibitor in Classes 1, 2, OR 3.**
- **No kits are allowed for the original pattern and design class.**
- Exhibitors **may have more than one entry** in classes 4-11 as long as it is **significantly different and uses different techniques.**

Section A - Clothing/Sewing

Class No.

1. **Beginning Sewing - (excluding Cloverbud – progression must be shown from previous years)** Any simplified article which includes one or more of the following learning techniques: straight or curved machine stitching, clean finish a fabric edge hem, facings, gathering, simple seams and seam finishes, casing or waistband. Example might be apron, skirt with elastic waistband, T-tops, simple pants or shorts, tote bag, poncho, unlined vest, fully equipped sewing box with hand sewn felt items for sewing box such as pin cushion, scissor holder, needle book, etc.
2. **Intermediate Sewing - (progression must be shown from previous years)** Entry must demonstrate two or more new intermediate skills such as buttonholes, cuffs, zippers, darts, set-in sleeves, collar interfacing, work with plaids, stripes, and one-way designs, work with contrasting trim. Garments might include sportswear, nightwear, dress, slacks, blouse with collar and/or sleeves.
3. **Advanced Sewing-(progression must be shown from previous years)** Any article showing advanced techniques such as new fabric, bound buttonholes, lining. Garments might include tailored suits, coat, dress, gown.

Section B - Special Interest Groups

Class No.

4. **Recycled garment or non-clothing, sewn** - including remodeled or renovated garments OR remodeled or renovated items that are not clothing, like jeans turned in to grocery bags, t-shirts turned in to a purse etc.
5. **Non-Clothing Sewn** - Examples include quilts, curtains etc., purses, tote bags, backpacks, outdoor equipment, horse articles, recreational items such as kites or toys. (for reference see the 4-H curriculum *Simple Gifts, and The Flight/Fabric Connection*).
6. **Textile Arts Apparel** - items that use a form of textile art other than sewing (knitted, crocheted, woven).
7. **Garments using "Heritage" techniques**, i.e. crewel, appliqué or patchwork.
8. **Wearable or non-wearable items designed and constructed by exhibitor**-constructed by exhibitor-should have decorative or functional purpose, i.e. vest, scarf or sash, tie, woven belt. (designs made be made by hand, by computer or combinations/ design alterations of purchased patterns. Include pattern and description.)
9. **Purchased Garment** - Entries in this class should reflect wise consumer decision making. Garment or outfit must be accompanied by an 8½" 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*.
10. **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.
11. **Open Class** - Option for exhibits deemed to be worth while but fall outside the categories described above.

Section D - Wearable Art

For all classes in Wearable Art in addition to the completed Exhibitor Entry Statement, include the following:

- **Name or source of pattern if applicable;**
- **fiber content of item when available;**
- **care label information;**
- **where did you get your ideas from (name of 4-H Project?);**
Projects selected to come to Sate Fair should be age and experience appropriate.
No fabric paints or scribbles accepted in this section.
- 14. **Crochet/Knitted Fiber Clothing** - Clothing made using a form of crocheting or knitting such as a sweater, vest, scarf, etc.
- 15. **Tie-Dyeing/Batik Material Clothing** - Clothing made using tie-dyeing which utilizes knotting and folding techniques or batik which utilizes the immersion or outline fill-in techniques of wax resist to make such clothing as tee-shirt, pants, etc. Purchased

clothing can be used to do either of these techniques on.

16. **Non-traditional Material Clothing** - clothing made using paper, duct tape, paperclips, bubble wrap, etc.
17. **Open class** – An option deemed to be worthwhile but fall outside of the categories described above .

Department 25 - HOME ENVIRONMENT

Premiums:	Classes 1-7	Excellent - 14	Good - 11 points	Worthy - 8 points
	Classes 8-12	Excellent - 12	Good - 9 points	Worthy - 6 points

- Members may exhibit more than one item per class as long as items clearly demonstrate the use of **different techniques** unless noted in specific class.
- Members should be able to describe the new skills they learned in completing their projects.
- Finishing is an important part of each project. Raw edges should not be visible. Care should be taken to finish the project neatly.
- Exhibitors who have previously entered projects in this department should demonstrate new skills learned.
- Objects whose ultimate use is to hang on the wall must have mountings on them and be ready for hanging or will be dropped by one award.
- The use of a pattern or kit is permitted but exhibitor is encouraged to be creative and to make his/her own design and color selections whenever appropriate.
- **All fabric items must have a 3 x 5 card** attached stating fabric content and fabric care. (Examples: quilt, pillow, pillowcase, etc.)

Section A - Wooden Furniture and Furniture Accessories

Class No.

1. **A piece of furniture with a painted finish such as:** a chair, table, chest, bookcase, etc. New, unfinished, refinished or constructed by exhibitor.
2. **A piece of furniture with a natural finish such as:** a chair, table, chest, bookcase, etc. New, unfinished, refinished or constructed by exhibitor.
3. **A chair or stool with new seating.** Chair frame to be new unfinished constructed by exhibitor, restored or refinished with a painted or natural finish. New seat (and back) of either woven or cane, rush, splint, Hong Kong grass, etc.. (only the seat will be evaluated).

Section B - Fabric Furnishings and Home Accessories

Class No.

4. **Major items of fabric furnishings such as:** a bedspread, coverlet, dust ruffle, curtains, draperies, etc. Also includes articles using "heritage" techniques, i.e. quilt, wall hanging, etc. Exhibitor must select materials and construct article.
5. **A coordinated ensemble of three to five fabric items** that may include both sewn and non-sewn items.
6. **A group or club project such as a quilt,** wall hanging, etc.
7. **Table Setting Exhibit** - An entry should include table setting for at least 1 person, menu, short story about the specific occasion the setting is for, table cloth, placemats, napkins (may be artfully displayed/folded), centerpiece or table decoration as appropriate to complete the table setting. Exhibit can be displayed on a small table such as a card table (provided by exhibitor) or in an area no bigger than a 24" wide 30" deep space. The exhibit is to remain in place during the full time period.
8. **Fabric:** Pillow, placemats, padded picture frames or albums, windsock, tree skirt, needlework items including needlepoint, bargello, counted cross stitch, latch hooking, crewel, embroidery, candle wicking, knitting, and crocheting etc. Include fiber content and care information
9. **Wood:** Natural or painted finish. Shelf, magazine rack, picture frame, wooden bowl, etc.
10. **Room Accessories/Embellished Furnishing** – such as bulletin boards, fabric décor, lampshade, and picture frame (may be non-sewn items). Includes items such as placemats and lampshades that have been changed by adding fabric, painted design, or other embellishments.
11. **Recycled:** Any Home Environment accessory item constructed from previously used items.

Section C - Posters

Class No.

12. A series of posters (at least 14" x 22") OR a 3-dimensional exhibit illustrating a topic in Home Environment. Topics might include such things as: Steps in the process of making an item, type of stitches or designs, consumerism, selection and/or care, use of materials, photographs of teacher-learner sequences, aspects of energy awareness and conservation. **One entry per person in this class.**

Department 26 - CHILD DEVELOPMENT/CARE

Premiums: Classes 1-3 Excellent - 8 points Good - 6 points Worthy - 4 points

- Exhibits should illustrate the exhibitor's understanding of the growth and development and activities of children.
- On a 3"x5" card attached to the article, identify the age of child intended to use the article, what the child will learn from article, developmental stage item is suited for and why this would be an appropriate item.
- Explain how specific toys, games or activities promote growth and development at different phases of child development.
- Emphasis is on safety and how the child will interact with the toy or game.
- **One item per class except Class No. 1. Two entries may be made in Class No. 1**

Section A – Child Care

Class No.

1. **Creative Plaything** - a homemade toy, book, game, or activity to be used with children.
2. **Poster about safe babysitting/child care** practices or about child development stages.
3. **Babysitter'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.

Department 27 - HEALTH

Premiums: Excellent - 6 points Good - 4 points Worthy - 1 point

- One entry per class

Section A - Health

Class No.

1. **First Aid Kit** by member. Tell where First Aid Kit will be used (i.e. home, car, boat, etc.).
2. **A poster about health**, may include any aspect of health or safety measures.

Department 28 - ART OBJECTS

Premiums: Classes 1 - 4 Excellent - 10 points Good - 7 points Worthy - 3 points
 Classes 5 - 19 Excellent - 8 points Good - 6 points Worthy - 2 points

- There is a maximum of 15 entries per exhibitor.
- **There is a maximum of 5 entries per class per exhibitor as long as each is SIGNIFICANTLY DIFFERENT and USES DIFFERENT TECHNIQUES.**
- **NO SCHOOL PROJECTS.**
- Emphasis in the 4-H Art & Craft project area is on the creative process and the employment of design elements and principles.
- NO kits, preforms, patterns, or precuts are permitted for State Fair entries.
- All exhibits must be in good condition and ready for display.
- If exhibit whose ultimate use is to hang on wall is selected for State Fair it must have mountings on them and be ready for hanging.

Section A-Visual Fine Art-Paintings, drawings, graphics/prints and sculpture. A personal and creative statement or interpretation about people, events, or things from past or present. Any style of expression must be appropriately displayed, stretched, matted or framed and ready to hang. Art work must be in picture frame or mounted on art mat board. Item must have appropriate mounting hardware ready for hanging. Art work mounted on poster board, cardboard, construction paper or foam board will be disqualified. Art work is to be signed on the front. If not, award will be dropped 1 placing.

Class No.

1. **Drawing**—Expressive work in pencil charcoal, felt tip pen, crayon, pastel, brush or ink.
2. **Painting**- Expressive work in oil, watercolor, acrylics or mixed media i.e. watercolor and ink, acrylic and chalk etc.

3. **Graphics/Prints**-(a) Linoleum, (b) Wood Cut, (c) Stencil, (d) Silkscreen, (e) Etching, (f) "found objects making an inked imprint, (g) Other
4. **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.

Section B - HERITAGE ART, CRAFTS AND DOCUMENTATION - Emphasis in the Heritage art, crafts and documentation is on personal growth and knowledge through learning about one's cultural heritage. It is based on research of traditional designs, methods and materials as well as learning the necessary skills.

Classes 5, 6 and 7 emphasize authentic use of traditional design and materials and/or documentation of history, folk art or material culture.

Class No.

5. **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. **EXAMPLES**: Hand spun wool or fur objects, soap, cordage, dolls, cured and tanned leather objects, natural dyed objects, tin ware, wood toys and games, stenciled wood and tin ware, natural clay pottery, traditional embroidery and quilted objects, splint or natural reed basketry, ethnic art objects, coil baskets, natural wreaths and letter boxing.
6. **Heritage Documentation**: Documentation of family or community history, buildings, methods of processing and/or use. **EXAMPLES**: Genealogy charts, folk patterns scrapbook, architectural drawings and legends, collections of traditional objects and legends, herb exhibit and charts, natural dye exhibit and charts. A notebook of photographs or drawings of 10 different outbuilding or barn types; 10 different fence types; collect and identify 10 examples of wire fencing and mount on a display panel; in a notebook, trace the development of one dairy farm implement from it's earliest form to the present, use pictures or drawings and a description of the implements. Edible wild plants-complete a notebook of dried or pressed wild plants with at least 10 examples, or design a shadow box using edible wild plants.

Section C-Fine Crafts-Craft objects are an individual interpretation and expression using material, process and/or skill for utility functional or decorative purposes.

Class No.

7. **Ceramics, Pottery**: Objects of clay, fired and/or glazed, hand built, wheel thrown, cast from original mold, or preformed mold. **EXAMPLES**: Bowls, pots, vases, cups, plates, mugs. For ceramic sculpture, see sculpture.
8. **Fiber, Fabric**: Design objects of 2 or 3 dimensions of fibers and/or fabrics used singly or in combination, employing any of the following techniques: (a) Weaving, (b) Knotting, (c) Needle Arts, (d) String Art, (e) Sewing, (f) Other. **EXAMPLES**: Puppets, pictures, wall hangings, lamp shades, pillows, banners.
9. **Leather**: Objects can be tooled, carved, molded, stamped, laced, stitched and/or riveted, and be combined with other materials. **EXAMPLES**: Pictures, chaps, bookmarks, book covers, belts, purses, gun covers, apparel, jewelry, saddle bags, etc.
10. **Glass Work**: Etched and stained glass.
11. **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: (a) Etched, (b) Engraved, (c) Tooled, (d) Molded. **EXAMPLES**: Boxes, candle holders, jewelry, vases, pictures.
12. **Mosaics**: Two or three-dimensional objects using clay tile, glass, stone, natural and found materials. **EXAMPLES**: Trays, table tops, plaques, lamp bases, vases, bowls, etc.
13. **Wood and/or Paper**: **PROCESSES**: (a) Carving, (b) Gluing, (c) Inlay, (d) Cutting, (e) Tearing, (f) Layered, (g) folding origami, (h) Other. **EXAMPLES**: Games, toys, puzzles, boxes, candle holders, masks, collages, models. For wood sculpture, see sculpture.
14. **Jewelry/Precious Metals**: May include designs from pattern books, bead loom, crochet. Etc. (a) handmade materials (Examples: glass blowing, clay formation, paper formation, stone, fossils, enameling, etc.) (b) Purchased materials; pattern (a commercial pattern or a hand drawn design) must be provided with exhibit (First Year only jewelry made with purchased materials simply strung. Will evaluate on bead and color selection and pattern used to string beads. **NO KITS, NO PONY BEADS.**
15. **Recycled crafts**: Items constructed with materials which had a previous use. Up to 5 entries allowed, each using different materials.
16. **Decorated clothing or fabric item**: objects such as painted, silkscreened, or stamped clothing or fabric item
17. **Holiday Craft**: Specific holiday decoration
18. **Kit**: Craft made from kit, preform, pattern, or precuts - any craft.
19. **Open**: Exhibits deemed worth while but fall outside the categories described above.

Department 29 - CONSUMER EDUCATION

Premiums: Classes 1-2 Excellent - 6 points Good - 4 points Worthy - 2 points.

- Exhibits can be related to any project area.
- Exhibits in the following classes should reflect the youth's understanding of one or more consumer economics concepts. Topics related to 1) consumer understanding of and interaction in the marketplace and 2) management of personal resources-money, time, energy and skills-are included.
- Entries can be based upon other project areas but will be judged on consumer economics criteria's indicated. Judging is based on: Purpose or principle idea, effectiveness in illustrating ideas, accuracy of information, appearance and organization.

Section A – Consumer Ed

Class No.

1. Three dimensional exhibit: topic illustrated should be: 1) chosen from a consumer economics program activity, 2) convey consumer information on the topic to the fair visitor, 3) employ one or more exhibit techniques: models, samples, poster series (2 or more), photos, (mounted on sturdy cardboard and large enough to be seen). Signs or labels may be necessary to explain the exhibit. The exhibit should be limited to card table size (36" x 36"). Topics which may be illustrated include but are not limited to: a collection of consumer information labels, packages and hang tags designed by the exhibitor; models or replicas of several brands or forms of a consumer product which illustrate design and other product feature differences: replicas of product testing results experienced in the "Be Aware and Compare" activity unit such as shampoo foaming and cleaning, pH levels, etc.: a sample/replica of a defective product and a description/illustration of ways to obtain satisfaction, a display of models' replicas of consumer products available by mail order purchase and an outline or consumer rights and responsibilities in mail order purchase.
2. A poster (at least 14" x 22") illustrating a consumer economics topic which also conveys consumer information to the fair visitor. Topics which may be shown include but are not limited to: creation of an original ad for a product with advertising technique(s) and appeal(s) identified and explained; a personal spending record and plan: a comparative survey of the costs of financing the purchase of a consumer product (e.g., car, couch, stereo) from several lenders; a local market search for a consumer product describing the variation in product quality, features and price available from different merchants, the various forms and uses of credit available to consumers and consumer credit rights and responsibilities; examples of deceptive and/or fraudulent advertising claims; a critique of a mail order offer or catalogue; an analysis of a direct marketing offer (door to door sales, party plan, TV offer, etc.)

Department 30 - CLUB PROMOTION

Premiums: Classes 1 Excellent - 20 points Good - 16 points Worthy - 12 points
 Class 2 & 3 20 premium points
 Class 4 Excellent - 16 points Good - 12 points Worthy – 8 points

- Open to any organized 4-H club in Saratoga County.
- All Club Promotion, including Club Exhibits and Action Booths, must be pre-entered by **July 14** and in the **Organizational Leader's name ONLY**.

Section A – Club Promotion

Class No.

1. **Club Exhibits** - Exhibit should be set up to clearly show some phase of 4-H work or what the club has accomplished this year. Each club will have a table top space approximately 4'x4' feet wide with a back wall. Club members should assist in arranging and placing the exhibit. Signs, pictures and posters should be used to show activities which cannot be exhibited. The leader must pre-enter for the club indicating the space needed. **ENTRIES DUE August 6th**. The exhibit may be set up Wednesday, August 11th or Thursday, August 12th.

3. **Club 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

A club may enter more than one banner for display. Bring club banners to the 4-H Building at the fairgrounds by 4:00pm on

Saturday, July 21, to be hung for display before the fair opens. Mark it with a leader name.

4. **Club Collage or Club Scrapbook** - Illustrating the club's project work and activities. No pre-entry needed but must be entered on the white entry form. Judging will be on July 21. **Personal/school scrapbooks are not eligible.**

Department 31 - COMMUNITY SERVICE

Premiums: Excellent - 6 points Good - 4 points Worthy - 2 points

Section A - Community Service

Class No.

1. **Community Service Story**-A scrapbook or photo series describing a community service project conducted by a 4-H member. The intent of the project will be of major concern in the judging.
2. **Items made for community service projects**, such as items from the Simple Pleasures project. Exhibitor should be able to explain how the item helps individuals and/or the community.
3. **Citizenship**-Completed members book from any Exploring Citizenship Unit, or activity from a unit, such as 3 generation chart, drawings or photos of historic sites, houses or buildings.
4. **Club Community Service Story** - A scrapbook or photo series describing a community service project conducted by a 4-H club. Should include the name of each member. One exhibit per club project and should be entered in club leader's name.

Department 32 – CLOVERBUD

Premiums: 4 premium points and a participation ribbon

- All Cloverbud items/ projects are entered in this category.
- Cloverbuds are also eligible for these activities/ animals; list individually on the white entry form. Pet Care: Dept. 11. Animals entered in Pet Care are not eligible to be entered in other animal departments. Rabbit: Dept. 7; Cavy: Dept. 8; Poultry: Dept. 10. Submit entries under the appropriate departments. Follow the specific guidelines for Cloverbuds within the department.

Section A – Cloverbud

Class 1

Cloverbuds may enter up to **20** exhibits. Possible exhibits include a bird feeder, dish garden, simple sewing projects, My Plate collage, photographs, tree identification chart, etc.

I pledge...

my **head** to clearer thinking,
my **heart** to greater loyalty,
my **hands** to larger service, and
my **health** to better living for
my **club**, my **community**,
my **country**, and my **world**.