

**LEADERS:     Please check that exhibits match the exhibit requirements as listed on these sheets**

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**4-H MEMBERS' PROJECT EXHIBITS**

**GENERAL RULES:**

1. All exhibits must be exhibitors own work and of the current year.
2. **All posters should be 22"x14" on a foam board unless otherwise stated.**
3. Foods and home gardening exhibits should be entered on paper plates and put in a zip-lock bag.
4. All livestock exhibitors **should** enter showmanship contest.
5. Self-Determined project exhibits will consist of:
  - (1) A notebook containing project plan found on pages 5 & 6 of circular and project story on pages 9-10.
  - (2) A representative sample (photos, articles, etc.) of the project's focus. Leaders will need to ascertain the correct category for individual self-determined projects.

**SECTION 0 - CLOVERBUDS**

Class 0. Cloverbuds- Exhibit one of the items made during a cloverbud meeting.

**SECTION 1 - ANIMAL SCIENCE**

- Class 1. Wiggles & Wags - Dog 1 - Year 1 - Exhibit a display showing a picture of the dog along with a story of project activities.
- Class 2. Wiggles & Wags - Dog 1- Year 2 - Exhibit a display showing diseases and parasites affecting dogs.
- Class 3. Wiggles & Wags - Dog 1 - Year 3 - Exhibit a display showing grooming techniques of your dog.
- Class 4. Canine Connections - Dog 2 - Year 1 - Exhibit a display of dog biscuits (three biscuits) as described on page 23 of project book
- Class 5. Canine Connections Dog 2 - Year 2 - Prepare a display matching 10 dog breeds with the country of their origin, as described on page 6 of project book.

- Class 6. Canine Connections Dog 2 - Year 3 - Prepare a display which identifies 10 dog parasites as described on page 24 of project book.
- Class 7. Leading the Pack - Dog 3- Year 1 - Exhibit showmanship score card which you have made and used to evaluate your dog, as described on pages 8 &9 of project book.
- Class 8. Leading the Pack - Dog 3 - Year 2 - Exhibit the first aid kit you have made as described on page 15 of project book.
- Class 9. Leading the Pack - Dog 3 - Year 3 - Exhibit the dog ownership budget chart as described on page 28 of project book.
- Class 10. Pet Pals - Pets 1 -Year 1 - Exhibit your pet story and a picture of your pet in a folder.
- Class 11. Pet Pals - Pets 1 -Year 2 - Exhibit a model of a home appropriate for your pet. (See page 28 in project book)
- Class 12. Pet Pals - Pets 1-Year 3 - Exhibit a poster outlining pet care instructions as described on Page 30 of project book.
- Class 13. Scurrying Ahead - Pets 2 - Year 1 - Exhibit pet records with photos of your pet.
- Class 14. Scurrying Ahead - Pets 2 - Year 2 - Create a commercial about pet ownership or care as described on page 12 of the project book. Display the commercial on poster board. (One half sheet - see general rule number 2)
- Class 15. Scurrying Ahead - Pets 2 - Year 3 - Exhibit the pet toy you have designed and constructed as described on page 10 of project book.
- Class 16. Scaling the Heights- Pets 3 - Year 1 - Exhibit a series of five drawings or painting of your pet.
- Class 17. Scaling the Heights- Pets 3 - Year 2- Prepare an exhibit which details twenty situations where people have had an influence on animals. (Activity is described on page 29 of the project book)
- Class 18. Scaling the Heights - Pets 3 - Year 3 - Exhibit a chart comparing the taxonomy of humans, elephants and rabbits, as described on pages 30-31 of the project book
- Class 19. Scratching the Surface – Poultry 1 – Year 1 - Exhibit a poster labeling the parts of a Rooster as described on page 6 of the project book.

- Class 20. Scratching the Surface – Poultry 1 – Year 2 – Exhibit a poster displaying the parts of an egg on as described on page 15 of the project book.
- Class 21. Scratching the Surface – Poultry 1 – Year 3 – Exhibit the ,” Eggstra challenge #2”, as described on page 27 of the project book.
- Class 22. Testing your wings – Poultry 2 – Year 1 – prepare a budget for a 100 Hen Laying flock for a month, as described on pages 6 and 7 of the project book.
- Class 23. Testing your wings – Poultry 2 – Year 2 – prepare the diagram on selecting for egg production as shown on page 19 of the project book.
- Class 24. Testing your wings – Poultry 2 – Year 3 – Make either coffee can candler or the flash light candler activity, as described on pages 24-25. Exhibit your Candler and Display a poster telling how to use your candler.
- Class 25. Flocking Together – Poultry 3 – Year 1 – do mounting hints on Pages 8 and 9 of your project book. Display your mounted bones, and make a poster describing the bones of a chicken.
- Class 26. Flocking Together – Poultry 3 – Year 2 – Do the “All cut up” activity. List your sources and take photos of the process. Make a collage of the process.
- Class 27. Flocking Together – Poultry 3 – Year 3 – Do “Dyeing to deeggorate” activity. Display 6 eggs that you have decorated. Make note cards labeling the type of dye used.
- Class 28. What’s Hoppening - Rabbit Book 1 Year 1 - Prepare a display which identifies and label the parts of a rabbit. (Page 13 of project book)
- Class 29. What’s Hoppening - Rabbit Book 1 Year 2 - Exhibit wire rabbit cage you have built for the project (Page 19 of project book)
- Class 30. What’s Hoppening - Rabbit Book 1 Year 3 - Exhibit nesting box you have constructed as described on page 32-33 of project book.
- Class 31. Making Tracks - Rabbit Book 2 Year 1 - Exhibit a “cardboard ear” as described on pages 14-15 of project book.
- Class 32. Making Tracks - Rabbit Book 2 Year 2 - Exhibit a chart detailing income and expenses of your rabbit project pages 18-19 of your project book.
- Class 33. Making Tracks - Rabbit Book 2 Year 3 - prepare rabbit for a meal, exhibit the recipe used to prepare the rabbit, and the complete menu for the meal. (See page 31 of the project book)

- Class 34. All Ears - Rabbit Book 3 - Year 1 - prepare a display to identify rabbit body types as described on page 12 and 13 of your project book.
- Class 35. All Ears – Rabbit Book 3 – Year 2 –Prepare a poster, identifying 20 bones as described on page 18 and 19 of your project book.
- Class 36. All Ears – Rabbit Book 3 – Year 3 – prepare a poster, listing 10 ways you can use rabbit experiences as described on page 32 of your project book.
- Class 37. Giddy Up & Go - Horse Book 1 Year 1 - Exhibit the story on horse body language you have written as described on pages 8 & 9 of project book.
- Class 38. Giddy Up & Go - Horse Book 1 Year 2 - Display information you received from three of the five different horse breed associations as described on page 17 of the project book.
- Class 39. Giddy Up & Go - Horse Book 1 Year 3 - Prepare and display the knots described on pages 24 & 25 of the project book.
- Class 40. Head, Heart & Hooves - Horse Book 2 Year 1 - Display a model or drawing of a horse skeleton with the parts labeled as described on page 6 of project book.
- Class 41. Head, Heart & Hooves- Horse Book 2 Year 2 - Prepare a display of grooming tools, labeled and identified, that are used to groom horses. (Page 24-25 of project book)
- Class 42. Head, Heart & Hooves - Horse Book 2 Year 3 - Display a horse hoof as described in challenge one - page 22 of project book.
- Class 43. Stable Relationships - Horse Book 3 - Year 1 - Prepare an exhibit which identifies and explains horse parasite control. As discussed on page 15 of project book.
- Class 44. Stable Relationships - Horse Book 3 - Year 2 - Prepare a display that shows different types of fencing for horses, what they are used for and advantages and disadvantages. Page 21 of project book.
- Class 45. Stable Relationships - Horse Book 3 - Year 3 - Exhibit the “storyboard” you have created as described on page 30 of the project book.
- Class 46. Riding the Range- Horse Book 4- Year 1 - Exhibit a display of horse tack, including bits, western and English saddles as described on pages 6 and 7 of project book.
- Class 47. Riding the Range- Horse Book 4 - Year 2 - Prepare and display a horse first aid kit, as described on pages 12 and 13 of project book.

- Class 48. Riding the Range- Horse Book 4 - Year 3- Prepare and display an exhibit on trail riding as described on pages 20-21 of project book.
- Class 49. Jumping to New Heights – Horse 5 – Year I – A display showing criteria to consider when putting together a horse show outfit as described on page 9 of your project book.
- Class 50. Jumping to New Heights – Horse 5 – Year 2 – Display Horse Showmanship score sheet as found on page 12 of your project book.
- Class 51. Jumping to New Heights – Horse 5 – Year 3 – Display showing Western Riding Pattern as described on page 19 of your project book.
- Class 52. Purr-fect Pals - Cat 1 - Year 1 – prepare a chart with the parts of a cat labeled as described on page 11 of project book.
- Class 53. Purr-fect Pals - Cat 1 - Year 2 - Exhibit the grooming kit you have constructed as described on page 14 of project book.
- Class 54. Purr-fect Pals - Cat 1 - Year 3 – Prepare a poster on the reproductive organs of a cat, as described on pages 32 of the project book.
- Class 55. Climbing Up - Cat 2 - Year 1 – Do the activity on page 11, Cats and their cousins.
- Class 56. Climbing Up - Cat 2 - Year 2 - Exhibit a chart which details at least five emergency care situations for cats, as described on page 22 of the project book.
- Class 57. Climbing Up - Cat 2 - Year 3 - Exhibit Breed characteristic chart with information you have researched on at least 20 different cat breeds, as described on page 6 of the project book.
- Class 58. Leaping Forward- Cat 3 - Year 1- Compare an Older cat to a Younger cat, as described on page 12, of your project book. Exhibit a chart with your observations.
- Class 59. Leaping Forward- Cat 3 - Year 2- Do the activity on page 22, Cats, Cats, and more cats.
- Class 60. Leaping Forward- Cat 3 -Year 3- Prepare and exhibit a chart with your findings, conducting the scared cat activity on page 16 of your project book.
- Class 61. Veterinary Science 1 - Educational exhibit of any topic discussed in the manual. **NO POSTERS!**
- Class 62. Veterinary Science 2 - Educational exhibit of equipment used in treating animals. **NO POSTERS!** (please do not display actual medicines).
- Class 63. Veterinary Science 3 - Exhibit your project plan and project journal.

- Class 64. Non Show Market Steer – exhibit a poster that covers important thing you learned about your animal, things you learned about yourself, some accomplishments, and things you need to improve. Refer to Page 1, General Rules #2.
- Class 65. Non Show Market Hog – exhibit a poster that covers important thing you learned about your animal, things you learned about yourself, some accomplishments, and things you need to improve. Refer to Page 1, General Rules #2.
- Class 66. Non Show Market Lamb – exhibit a poster that covers important thing you learned about your animal, things you learned about yourself, some accomplishments, and things you need to improve. Refer to Page 1, General Rules #2.
- Class 67. Non Show Market Goat – exhibit a poster that covers important thing you learned about your animal, things you learned about yourself, some accomplishments, and things you need to improve. Refer to Page 1, General Rules #2.
- Class 68. Self-Determined Animal Science. Refer to Page 1, General Rules #5.

**SECTION 2 - LEISURE & CULTURAL EDUCATION, AND LEADERSHIP, AND COMMUNITY INVOLVEMENT**

- Class 1. Exploring 4-H - Your family, the world, or the arts – Beginner Year 1 - Display one item as contracted on page 17 & 18 of the project book.
- Class 2. Recreation (Year 1) - Exhibit scrapbook on different types of recreational activities you have presented to your club.
- Class 3. Recreation (Year 2) - Exhibit the materials used in planning & conducting a recreational program with your club.
- Class 4. Self-Determined Leisure & Cultural Education. Refer to page 1, General Rules - #5.
- Class 5. Leadership Journal- Grade 6-8 Exhibit completed Leadership assessments for yourself and an adult as described on pages 8 & 9 of project book, and your completed Leadership journal record guide.
- Class 6. My Leadership Portfolio (Grades 9-12)
- Class 7. Teen leadership (1<sup>st</sup> Year) - Exhibit a scrapbook which includes the following: (a) goals, (b) plan, (c) accomplishments, (d) pictures and/or news releases showing how goal was planned, prepared and/or accomplished. Label year in project, scrapbook may contain more than one year's activities, but only the current year will be considered in judging.

- Class 8. Teen Leadership (2<sup>nd</sup> year) - Same requirements as Class 12.
- Class 9. Teen Leadership (3<sup>rd</sup> year) - Same requirements as Class 12.
- Class 10. Teen Leadership (4<sup>th</sup> year) - Same requirements as Class 12.
- Class 11. Teen Leadership (5<sup>th</sup> year) - Same requirements as Class 12.
- Class 12. Teen Leadership (6<sup>th</sup> year) – Same requirements as Class 12.
- Class 13. Self-Determined Leadership & Community Involvement. Refer to Page General Rules #5.
- Class 14. Outdoor Adventures- Level 1- Year 1- Hiking Trails- Exhibit a backpack filled with all of the essential hiking gear needed for a 1 (one) day hike, as described on page 9 of the project book.
- Class 15. Outdoor Adventures- Level 1- Year 2 - Hiking Trails- Exhibit a compass and describe the parts of it, and how it is used, as described on pages 28-29 of the project book.
- Class 16. Outdoor Adventures- Level 1 - Year 3- Hiking Trails- Exhibit a photo collection of things in nature you might see on a day hike, similar to activity 4, reaching the peak, on page 34 of your project book.
- Class 17. Outdoor Adventures- Level 2- Year 1- Camping Adventures- Exhibit a display with the knots you learned to tie in chapter 1, page 14, of the project book.
- Class 18. Outdoor Adventures- Level 2- Year 2- Camping Adventures- Exhibit a menu complete with ingredients that might be used on a 3-day hike, as described on page 21 of the project book.
- Class 19. Outdoor Adventures- Level 2- Year 3- Camping Adventures- Exhibit a display of 4 different types of shelters, with written descriptions that can be used while hiking, as described on page 18-19 of the project book.
- Class 20. Outdoor Adventures- Level 3- Year 1- Backpacking Expeditions- Exhibit a map used while hiking. Describes items found on the map such as contour lines, streams, elevations, etc.
- Class 21. Outdoor Adventures- Level 3- Year 2- Backpacking Expeditions- Exhibit a display which shows or describes different backpacking gear needed for desert conditions, snowy conditions, or while camping in a wetland.

- Class 22. Outdoor Adventures- Level 3- Year 3- Backpacking Expeditions- Exhibit a backcountry first aid kit, as described on page 34 of your project book.
- Class 23. Self Determined- Leisure & Cultural Education- Refer to Page 1, General Rules #5.
- Class 24. Make Reading Come Alive –

### **SECTION 3 - MONEY MANAGEMENT**

- Class 1. Be the “E” - Entrepreneurship- Exhibit your plan to start your own business, make your own business cards, and illustrate with pictures the type of service you intend to provide, the cost of your services, and the benefit to people who would use the service.
- Class 2. Money Fun-Damentals / Money Fundamentals - Exhibit the spending plan you have prepared as described on page 23 of project book or one of the Champions’ Challenge in a portfolio.
- Class 3. Money Moves 2 - Exhibit a chart with a sample check, write the check, label and describe the parts of the check, as described on page 16 of project book.
- Class 4 . Get in the Act. (Take 1) – Year 1 – Exhibit the Develop a Workforce Readiness portfolio and include: A cover letter, Your 4-H resume, and Your personality type profile (From Exploring Your True Colors).
- Class 5 . Self-Determined Management. Refer to Page 1, General Rules #5.
- Class 6. My Financial Future Beginner Youth Notebook
- Class 7. My Financial Future Advanced Youth Notebook
- Class 8. Build your Future Youth Notebook

### **SECTION 4 - CLOTHING**

- Class 1. Under Construction - Sewing 1 – Year 1-Exhibit the sewing box you have constructed, list the items and describe what they are used for. As described on page 6 of the project book. Make from items on sewing kit match game.
- Class 2. Under Construction - Sewing 1 - Year 2 - Exhibit the fabric squares you have stained and a chart with the stain test you conducted as described on page 26 of the project book.
- Class 3. Under Construction – Sewing I – Year III - Display a sewn article, 14” x 18” school bag, as described on page 33 of the project book.



- Class 4. Fashion Forward - Sewing 2- Year 1. Make and display a fleece hat as described on page 32-34 of the project book.
- Class 5. Fashion Forward – Sewing 2 – Year 2
- Class 6. Fashion Forward – Sewing 2 – Year 3
- Class 7. Refine Design - Sewing 3- Year 1 - Design, make, and display a quilt, as described on page 32-33 in the project book.
- Class 8. Refine Design – Sewing 3 – Year 2 –
- Class 9. Refine Design – Sewing 3 – Year 3 -
- Class 10. Self-Determined Clothing. Refer to page 1, General Rules #5

## **SECTION 5 - COMMUNICATION ARTS AND SCIENCES**

- Class 1. News Reporter - Exhibit scrapbook of articles as printed by the newspaper or articles you submitted for publication.
- Class 2. Photography 1 – Focus on Photography - Exhibit your best 5 x 7 picture on an 8 x 10 matting with caption.
- Class 3. Photography 2 Controlling the Image - Exhibit your best 5 x 7 picture on an 8 x 10 matting with caption.
- Class 4. Photography 3 – Mastering Photography – Exhibit 2 photos matted with caption. Photos may be no larger than 8 x 10.
- Class 5. Self-Determined communications Arts & Sciences. Refer to page 1, General Rules #5.

## **SECTION 6 - HEALTH AND SAFETY**

- Class 1. First Aid in Action- Health (Year 1) - Exhibit the first aid kit you have made as described on pages 28-29 of project book. Be sure to include the first aid cards you have made. (Pages 30-36)
- Class 2. Staying Healthy- Health (Year 2) - Prepare and display the physical activity inventory as described on page 26 of project book.
- Class 3. Keeping Fit- Health (Year 3) - Create a 4-H fitness file as described on pages 25 and 35 of the project book..

Class 4. Self Determined Health and Safety. Refer to page 1, General Rule #5.

## **SECTION 7 - FOOD PREPARATION**

(All foods must be on plates and in a zip-lock bag. Follow project recipe. There can be no alterations!)

- Class 1. Six Easy Bites Level A Year 1 - Exhibit one drop cookie from recipe on page 34-35 of the project book.
- Class 2. Six Easy Bites Level A Year 2 - Exhibit 3 muffins from recipe on page 36-37 of the project book.
- Class 3. Six Easy Bites Level A Year 3 – Exhibit a pancake from the recipe on page 32-33 of the project book. (All foods must be on plates and in a zip-lock bag. Follow project recipe. There can be no alterations!)
- Class 4. Tasty Tidbits - Level B Year 1 - Exhibit 1 piece of cake from recipe on page 32-33 of the project book.
- Class 5. Tasty Tidbits - Level B Year 2 - Exhibit 1 pretzel, any shape from the recipe on page 34-35 of the project book.
- Class 6. You're The Chef - Level C Year 1 - Exhibit 3 breadsticks from page 34-35 of the project book.
- Class 6. You're The Chef - Level C Year 2 - Exhibit a pint of salsa from the recipe on page 40-41 of the project book.
- Class 7. You're The Chef - Level C Year 3 - Exhibit a nonperishable invented snack as described on page 48-49 of the project book.
- Class 8. Foodworks - Level D Year 1 - Exhibit 1 slice of fruit pie as described on page 32-33 of the project book.
- Class 9. Foodworks - Level D Year 2 - Exhibit a pint of snap beans canned as described on page 38-39 of the project book.
- Class 10. Foodworks - Level D Year 3 - Exhibit ½ pint of cooked jelly as described on page 41-43 of the project book.
- Class 11. Bag of Tricks – Level A – Year 1 – A cup of Cheesy Popcorn in a bowl as described on page 24 of the project book.
- Class 12. Bag of Tricks – Level A – Year 2 – Three squares of fudge described on page 28 of the project book.

- Class 13. Micro Magicians – Level B – Year 1 - Three brownie squares described on page 30-31 of the project book.
- Class 14. Micro Magicians – Level B – Year 2 – 1 slice of Upside-down Cake described on page 32-33 of the project book.
- Class 15. Amazing Rays – Level C – Year 1 - 1 slice of Coffee Cake described on page 24-25 of the project book.
- Class 16. Amazing Rays – Level C – Year 2 – 1 slice of Fruit Crisps described on page 28-29 of the project book.
- Class 17. Presto Meals – Level D – Year 1 - 1 slice of Chocolate Cake described on page 16-17 of the project book.
- Class 18. Presto Meals – Level D – Year 2 – 1 slice of Cherry Pie described on page 28-29 of the project book.
- Class 19. Self-Determined Food preparation. Refer to Page 1, General Rules #5.
- Class 20. Cooking 101 - Yr. 1 Six (6) oatmeal drop cookies and recipe card, display on paper plate in a Ziploc bag. As described on page 68
- Class 21. Cooking 101 - Yr. 2 Six (6) oatmeal muffins (no muffin liners) and recipe card, display on paper plate in a Ziploc bag. As described on page 54
- Class 22. Cooking 101 - Yr. 3 Six (6) cornbread squares and recipe card, display on paper plate in a Ziploc bag. As described on page 56
- Class 23. Cooking 201 Yr. 1 Six (6) snickerdoodle cookies and recipe card, display on paper plate in a Ziploc bag.
- Class 24. Cooking 201 Yr. 2 Six (6) rolled biscuits and recipe card, display on paper plate in a Ziploc bag.
- Class 25. Cooking 201 Yr. 3 Six (6) scones and recipe card, display on paper plate in a Ziploc bag.
- Class 26. Cooking 301 Yr. 1 Six (6) basic dinner rolls and recipe card, display on paper plate in a Ziploc bag.
- Class 27. Cooking 301 Yr. 2 Three (3) soft pretzels and recipe card, display on paper plate in a Ziploc bag.
- Class 28. Cooking 301 Yr. 3 One (1) Swedish tea ring, or one (1) frozen Swedish tea ring. Display in Ziploc bag . Include index card with instructions for cooking.

- Class 29. Cooking 401 Yr. 1. - Three (3) flatbread circles and recipe card, Display on paper plate in a Ziploc bag,
- Class 30. Cooking 401 Yr. 2 \_ One (1) rosemary focaccia bread (approximately 15”X10”X1”) or one (1) French bread loaf (approximately 2”X14”) and recipe card, and in a Ziploc bag.
- Class 31. Cooking 401 Yr. 3 - Six (6) English muffins and recipe card, Display in Ziploc bag

## **SECTION 8 - MECHANICAL SCIENCE**

- Class 1. Bicycling for Fun - Year 1 - Prepare an Exhibit demonstrating the proper fitting for a bicycle helmet, as described on pages 8 and 9 of project book.
- Class 2. Bicycling for Fun - Year 2 - Prepare an exhibit on road signs and traffic signals as described on pages 26 and 27 of your project book..
- Class 3. Wheels in Motion -Bicycle Level 2 - Year 1 - Exhibit the demonstration kit you have prepared on fixing a flat, as described on page 11 of the project book.
- Class 4. Wheels in Motion - Bicycle Level 2 - Year 2 - Prepare an exhibit on smart cycling safety tips, as described on page 29 of the project book.
- Class 5. Small Engines I - Crank It Up (Year 1) - Prepare a display which shows and labels the external parts of a small engine as described on page 6 of project book.
- Class 6. Small Engines I - Crank It Up (Year 2) - Prepare a display which shows and labels the tools used in your small engine project as described on page 10 of project book.
- Class 7. Small Engines I - Crank It Up (Year 3) - Prepare a display with safety labels and safety equipment needed for project as described on pages 26 & 27 of project book.
- Class 8. Small Engines II - Warm It Up (Year 1) - Prepare a display which identifies the four small engine types as described on page 6 of project book.
- Class 9. Small Engines II - Warm It Up (Year 2) - Prepare a display which identifies and labels the internal parts of a small engine as described on page 8 of project book.
- Class 10. Small Engines II - Warm (Year 3) - Prepare a display which shows the calibration of compression ratios for small engines as described on page 14 of project book.
- Class 11. Small Engines III - Tune It Up (Year 1) - Prepare a display which demonstrates the tearing down and reassembling of the air and fuel systems as described on pages 10 & 12 of the project book.

- Class 12. Small Engines III - Tune It Up (Year 2) - Prepare a display which demonstrates the proper method of sharpening lawnmower blades as described on page 22 of the project book.
- Class 13. Small Engines III - Tune It Up (Year 3) - Prepare a display on estimating costs and income from starting your own lawnmower business as described on page 32 of the project book.
- Class 14. Electricity 1 (Magic of Electricity) - Exhibit a copy of project plan as found on page 4, and a display of work conducted for **one** of the required activities.
- Class 15. Electricity 2 (Investigating Electricity)- Exhibit a copy of project plan as found on page 4, and a display of work conducted for **one** of the required activities.
- Class 16. Electricity 3 ( Wired for Power)- Exhibit a copy of project plan as found on page 4, and a display of work conducted for **one** of the required activities.
- Class 17. Electricity 4 (Entering Electronics)- Exhibit a copy of project plan as found on page 4, and a display of work conducted for **one** of the required activities.
- Class 18. Rockets Away - Exhibit your rocket.
- Class 19. Tractor- Unit A- Exhibit an educational display of labeled parts or a poster (22" x 14"), showing a diagram of the working parts of a tractor.
- Class 20. Tractor- Unit B- Exhibit an educational display or poster (22" x 14"), showing proper tire pressures
- Class 21. Tractor – Unit C – Exhibit an educational display or poster (22" x 14") showing proper tractor lubrication.
- Class 22. Tractor – Unit D – Display the proper procedure for cleaning and flushing the radiator found on page 24 of your project book.
- Class 23. Measuring Up - Woodworking 1 - Year 1 - Exhibit napkin or letter holder as described on page 34 of project book..
- Class 24. Measuring Up - Woodworking 1 - Year 2 - Exhibit the flower box as described on page 33 of project book.
- Class 25. Measuring Up - Woodworking 1 - Year 3 - Exhibit picture frame as described on page 35 of project book
- Class 26. Making The Cut - Woodworking 2 - Year 1 - Exhibit stool from the directions on page 34 of the project book.
- Class 27. Making The Cut -Woodworking 2 - Year 2 - Exhibit birdhouse found on page 31 of project book.
- Class 28. Making the Cut Woodworking 2 - Year 3 - Exhibit toolbox found on pages 29-30 of project book

- Class 29. Nailing It Together Woodworking 3 - Year 1 - Exhibit boomerang found on page 26. or Exhibit the “A Box of Many Uses” on page 35.
- Class 30. Nailing It Together Woodworking 3 - Year 2 - Exhibit puzzle found on page 30, 31, 32. or Exhibit the “Jigsaw Puzzle” on page 33.
- Class 31. Nailing It Together Woodworking 3 - Year 3 - Exhibit bookshelf found on page 33. or Exhibit the “Bookcase” on page 31.
- Class 32. Finishing Up Woodworking 4 - Year 1 - Exhibit a door knocker found on page 34.
- Class 33. Finishing Up Woodworking 4, Year 2 - Exhibit a step stool found on page 31 & 32.
- Class 34. Finishing Up Woodworking 4, Year 3 - Exhibit an off road vehicle found on page 26 & 27.
- Class 35. Self-Determined Mechanical Science. Refer to page 1, General Rule #5.

## **SECTION 9 - NATURAL RESOURCES & ENVIRONMENT**

- Class 1. Birds 1 - Exhibit and label a scrapbook with pictures of 10 different varieties of birds.
- Class 2. Birds 2 - Exhibit winter feeding station as described on page 9 & 10. (Elective #2 - activity)
- Class 3. Birds 3 - Exhibit a bird house and picture of bird for which the house is designed.
- Class 4. Creepy Crawlies - Entomology 1 - Year 1 - Make an exhibit of a model insect, which identifies and labels major body parts, as described on page 7 of the project book.
- Class 5. Creepy Crawlies - Entomology 1 - Year 2 - Exhibit your capture box as described on pages 20-21 of the project book.
- Class 6. Creepy Crawlies - Entomology 1 - Year 3 - Exhibit an insect’s leg display, as described on pages 32-33 of the project book.
- Class 7. What’s Bugging You - Entomology 2 - Year 1 - Exhibit an Indoor Insect Trap as described on page 13 of the project book.
- Class 8. What’s Bugging You - Entomology 2 - Year 2- Make an extractor as shown on page 28 & 29 of your project book.

- Class 9. What's Bugging You - Entomology 2 - Year 3 – Exhibit a display of 25 insects, mounted and labeled, using guidelines from your project book and instructions for making a display case.
- Class 10. Dragons, Houses and other flies- Entomology 3 -Year 1 – Expand on your insect display by adding 10 different insects mounted, using the method described on pages 26-27 of your project book.
- Class 11. Dragons, Houses and other flies- Entomology 3 - Year 2 – Exhibit a display showing the insect key, described on pages 14-15 of the project book.
- Class 12. Dragons, Houses and other flies- Entomology 3 - Year 3 – See Extension Agent for an appropriate Exhibit.
- Class 13. Take the Bait - Sport Fishing Book 1 Year 1 - Prepare a display using the “snell” knot as described on page 9 of the project book
- Class 14. Take the Bait - Sport Fishing Book 1 Year 2- Exhibit the survival kit you assembled as described on page 19 of the project book.
- Class 15. Take the Bait - Sport Fishing Book 1 Year 3 - Prepare an exhibit that contains five artificial lures or flies and the fish they would be used for. See page 24 of project book for more information.
- Class 16. Reel In the Fun- Sportfishing Book 2 Year 1 - Exhibit a poster displaying the parts of spinning reel with parts labeled, as described on page 6 of project book.
- Class 17. Reel In the Fun - Sportfishing Book 2 Year 2 - Exhibit a recipe box with recipes as described on page 14 of your project book.
- Class 18. Reel In the Fun - Sportfishing Book 2 Year 3 - Exhibit a fly wallet, as described on page 22 of your project book.
- Class 19. Cast Into the Future - Sportfishing Book 3 - Year 1 - Prepare an exhibit which identifies twenty types of fish, and the type of water they live in.
- Class 20. Cast Into the Future - Sportfishing Book 3 - Year 2 - Exhibit a poster which illustrates the steps to tying a fly, and a completed fly you have made.
- Class 21. Cast Into the Future - Sportfishing Book 3 - Year 3 - Exhibit a display which shows fishing regulations and laws.
- Class 22. Tree Identification 1 - Exhibit scrapbook of 20 leaves collected pressed, mounted and labeled, and a copy of the leaf record sheet.
- Class 23. Tree Identification 2 - Exhibit scrapbook of 30 ( Last years scrapbook plus 10 new leaves)leaves collected, pressed, mounted and labeled, and a copy of the leaf record sheet.

- Class 24. Tree Identification 3 - Exhibit scrapbook of 40 ( Scrapbook from first two years plus 10 new leaves)leaves collected, pressed, mounted and labeled, and a collection of 10 different varieties of fruits and nuts.
- Class 25. Spring Wildflowers 1 - Exhibit 10 different dried specimens and collection of five different seeds and/or fruits mounted and labeled.
- Class 26. Spring Wildflowers 2 - Exhibit 15 (last year's flowers plus 5 new ones) different dried specimens and collection of five different seeds and/or fruits mounted and labeled.
- Class 27. Spring Wildflowers 3 - Exhibit 20 (ten from first year, five from second year, and five new ones for this year's project)different dried specimens labeled and mounted.
- Class 28. Summer and Fall Wildflowers 1 - Exhibit 15 different dried specimens and collection of five different seeds and/or fruits mounted and labeled.
- Class 29. Summer and Fall Wildflowers 2 - Exhibit 20 different dried specimens and collection of 10 different seeds and/or fruits mounted and labeled.
- Class 30. Summer and Fall Wildflowers 3 - Exhibit 25 different dried specimens and collection of 15 different seeds and/or fruits mounted and labeled.
- Class 31. Trapping - Exhibit of plaster casts of two (2) paw prints of different wild animals.
- Class 32. Recycle, Reuse, and Reduce - Exhibit a sample of recycled paper as made in activity 9 on page 19 of project book.
- Class 33. Eco-Wonders - Environment 1 - Year 1 - Construct a rain gauge as seen on page 21 of your project book.
- Class 34. Eco-Wonders - Environment 1 - Year 2 – Build an ecosystem as described on page 11 of the project book.
- Class 35. Eco-Wonders - Environment 1 - Year 3 - Collect at least three different types of foods or clothing fibers. Research their ingredients or raw materials. Describe some of their impacts on the environment.
- Class 36. Eco-Adventures- Environment 2 - Year 1 - Conduct an “Energy Safari” of your home, as seen on pages 35-36 of your project book. Display the results.
- Class 37. Eco-Adventures - Environment 2 - Year 2 - Display a collection of plaster of Paris molds of identified animal tracks (minimum of three different types of animals). Include information about the animals that you have track models for.
- Class 38. Eco-Adventures - Environment 2 - Year 3 – Display a small vile of cabbage solution and the results using an activity chart as described on page 29 of the project book.



- Class 39. Eco-Actions - Environment 3 - Year 1 - Choose at least 3 household products. Create a display that shows how pollution is or could have been prevented with these products (as seen on page 27 of your project book).
- Class 40. Eco-Actions - Environment 3 - Year 2 - Complete activity 3 on pages 13-16 of your project book. Display your water quality worksheet, and either photos or sketches of the plants and animals you found living in the waters that you tested.
- Class 41. Eco-Actions - Environment 3 - Year 3 - Make a poster on the subject of biotechnology, as described on page 22-23. List its possibilities and concerns. Attach recent news articles on the subject.
- Class 42. Follow the Path - Forestry 1 - Year 1- Complete the branching out activity as described on page 7 of project book. Exhibit the five mounted leaves and journal you have made.
- Class 43. Follow the Path - Forestry 1 - Year 2 - Complete the branching out activity as described on page 19 of project book. Exhibit the picture book you have made.
- Class 44. Follow the Path- Forestry 1 - Year 3 - Complete the branching out activity as described on page 33 of project book. Exhibit the report you have written on why special areas of the forest should or should not be protected.
- Class 45. Reach for the Canopy - Forestry 2 - Year 1 - Complete the “Tick Tock” activity as described on pages 10 & 11 of project book. Exhibit photos which show the “life cycle” of a particular kind of tree.
- Class 46. Reach for the Canopy - Forestry 2 - Year 2 - Complete the branching out activity as described on page 21 of project book. Exhibit “wanted” poster you have created.
- Class 47. Reach for the Canopy - Forestry 2 - Year 3 - Complete the “Fire in the Forest” activity as described on pages 26-27 of project book. Prepare an exhibit about the fire triangle and forest fire prevention.
- Class 48. Explore the Deep Woods - Forestry 3 - Year 1 - Complete the “Winter Trees” activity on pages 8 & 9 of project book. Exhibit the five “rubblings” you made, be sure to identify the tree.
- Class 49. Explore the Deep Woods - Forestry 3 - Year 2 - Complete the “city trees” activity as described on pages 20 & 21 of project book. Prepare an exhibit which explains the Tree City USA program.
- Class 50. Explore the Deep Woods - Forestry 3 - Year 3 - Complete the “Trim the Trees” activity as described on pages 26 & 27 of project book. Prepare an exhibit that demonstrates the steps to properly prune a tree.
- Class 51. Self-Determined Natural Resources & Environment. Refer to Page 1 - General rules #5.

- Class 52. Teaming with Insects Yr. 1 - Poster of your favorite insect labeling the body parts as described on page 5.
- Class 53. Teaming with Insects Yr. 2 - Create a poster of six insects you find, indicate where you have found them and Record whether they are a pest or not as described on page 22.
- Class 54. Teaming with Insects Yr. 3
- Class 55. Exploring your environment Yr. 1 - Develop a poster that illustrates one of your leadership activities for the year and at least 1 important fact that you have learned through completing this project.
- Class 56. Earths Capacity
- Class 57. Ecosystems Services

## **SECTION 10 - PLANT SCIENCE AND CROPS**

- Class 1. Indoor Gardening, Unit I - Growing Houseplants - Exhibit two potted plants using methods described on page 7-8 of the project book..
- Class 2. Indoor Gardening - Unit II - Exhibit 1 bean, pea, or sunflower plant as described on page 12 of the project book. Include a chart recording your observation of the plant's growth at 3, 9, 15, & 21 days.
- Class 3. Potatoes - Exhibit plate of five potatoes.
- Class 4. Strawberry Planting - Exhibit one strawberry plant planted in a pot with the variety specified, and a copy of the planting plan from the project book.
- Class 5. Strawberry Harvesting - Exhibit a scrapbook showing the caring for the plants, and harvesting of the fruit, as well as the project book record guide.
- Class 6. Landscape Gardening – Exhibit a poster with before, during, and after photos of the landscape projects described on page 32 of your project book.
- Class 7. Meet the Plants - Unit I - Exhibit 4 bean plants, as described on page 25, in a container for each plant with a 3x5 card - number each plant and treatment description.
- Class 8. Vegetable Gardening - Unit II - Exhibit garden and calendar plans as described on pages 8, 9, 10, of project book - display on (22x14 - half sheet of poster paper)
- Class 9. See them sprout – Year 1
- Class 10. See Them Sprout – Year 2
- Class 11. See Them Sprout – Year 3
- Class 12. Let's Get Growing – Year 1

- Class 13. Let's Get Growing – Year 2
- Class 14. Let's Get Growing – Year 3
- Class 15. Take Your Pick – Year 1
- Class 16. Take Your Pick – Year 2
- Class 17. Take Your Pick – Year 3
- Class 18. Growing Profits – Year 1
- Class 19. Growing Profits – Year 2
- Class 20. Growing Profits – Year 3
- Class 21. Self- Determined Plant Science & Crops

### **SECTION 11 - THIS IS 4-H**

- Class 1. This is 4-H - Framed picture of member participating in a 4-H activity.
- Class 2. This is 4-H - 100 word story (8-10 years).
- Class 3. This is 4-H - 200 word story (11-13 years).
- Class 4. This is 4-H - 300 word story (14 years and up).
- Class 5. This is 4-H - Exhibit scrapbook, as noted on page 20.
- Class 6. This is 4-H - Three dimensional clover - paper (8-13 years).
- Class 7. This is 4-H - Three dimensional clover - paper (14 years and up).
- Class 8. This is 4-H - Three dimensional clover - cloth (8-13 years).
- Class 9. This is 4-H - Three dimensional clover - cloth (14 years and up).
- Class 10. This is 4-H - Three dimensional clover - wood (8-13 years).
- Class 11. This is 4-H - Three dimensional clover - wood (14 years and up).
- Class 12. This is 4-H - Three dimensional clover - miscellaneous (8-13 years).
- Class 13. This is 4-H - Three dimensional clover - miscellaneous (14 years and up).
- Class 14. This is 4-H - Three dimensional clover – Metal Work (8-13 Year olds)
- Class 15. This is 4-H - Three dimensional Clover – Metal Work (14 years and up)
- Class 16. This is 4-H - Three dimensional clover – Stone/Ceramic (8-13 Year old)
- Class 17. This is 4-H - Three dimensional Clover – Stone/Ceramic (14 Years and up)

Class 18 This is 4-H - three dimensional Clover – Natural Materials (8-13 years old)

Class 19. This is 4-H three dimensional Clover – Natural Materials (14 years and Up)

## **SECTION 12 – “MISCELLANEOUS”**

Class 1. Ages 8-10

Class 2. Ages 11-13

Class 3. Ages 14 & up

## **SECTION 13 - INDIVIDUAL AND FAMILY RESOURCES**

Class 1. Child Development- Step 1, Year I - Growing On My Own- Exhibit a mask you have created as described on page of the project book. Be sure to include the emotion label on the back of the mask.

Class 2. Child Development- Step 1 - Year II- Growing On My Own- Complete the toy inspector activity as described on pages 18 & 19 of project book. Exhibit the choke tube tester, and 10 items that are too small for a toddler to play with.

Class 3. Child Development- Step 2 - Year I- Growing With Others- Create and display a board game that encourages mind development in children.

Class 4. Child Development- Step 2 -Year II- Growing With Others- Create and exhibit a puzzle that illustrates safety rules for the home.

Class 5. Child Development- Step 3 - Year I- Growing In Communities- Conduct an activity with a younger child. Create for them a ribbon and award as described on page 5 of the project book. Exhibit a picture of the child receiving the award and ribbon.

Class 6. Child Development- Step 3 - Year II- Growing In Communities- Create a babysitter kit as described on page 28 of the project book. Exhibit the contents on an open flat display.

Class 7. Self Determined Individual and Family Resources - refer to Page 1 - General Rules - #5.

