

GARDEN

DIVISION/GRADE:

Level A – Grade 3, 4

Level B – Grades 5, 6

Level C – Grades 7, 8, 9

Level D – Grades 10, 11, 12

RULES:

1. Exhibitors refer to the guidelines below and 4-H Garden Publication 4-H 970-W—Suggested 4-H Garden Exhibits (**updated yearly**), HO-28—Growing Herbs, (www.extension.purdue.edu/Johnson/4-H.htm); or list in the State Fair Premium book for requirements on amount, size, and preparation of exhibit.
2. A display of flowers is optional in all divisions of collection category. No silk or artificial foliages may be used in the exhibit.
3. 4-H Garden exhibits will be disposed of as decomposition merits. Vegetables entered for exhibit are “non-returnable” to the exhibitor.
4. A 4-H member may exhibit in any of the garden categories they wish, but Johnson County Fair premiums will be paid for a maximum of 4 exhibits.
5. Educational posters must have labeled photographs. The poster should tell a story.
6. Anyone can complete Section IV (Garden Education), but members enrolled in Levels C and D of the garden project SHOULD exhibit one of the activities found in the exhibit requirements in addition to the Produce Exhibit (Section I, II and III).
7. All vegetable entries must be labeled with common name, Latin name, and the variety. Exhibit will be dropped one ribbon placing if not meeting this requirement.

EXHIBIT:

RECORD SHEETS – A completed Garden Record Sheet must be submitted with the project exhibit at check-in time.

- I. Single Vegetable
Something you grew (maximum of 2 different exhibits). (See #1 above for resources.)
- II. Garden Collection
Level A & B – display 3 plates of different vegetables.
Level C – display 4 plates of different vegetables.
Level D – display 5 plates of different vegetables.
- III. Single Herb Exhibit
A Pot (8" diameter maximum) of a herb you grew. Exhibits must be labeled with both common name and Latin name. Planters must have drainage and provide for water retention (i.e., have a saucer under the pot).

IV. Garden Education

One educational poster from the following categories. One poster from a Level C or D exhibitor will be selected to exhibit at State Fair.

- A. Exhibit four (4) plates containing two cultivars of two different kinds of vegetables in your garden. For example: display tomato Rutgers and tomato Roma on two plates and spinach Melody and America on two plates. Label the cultivars you exhibit.
- B. Label and exhibit three unusual vegetables (may or may not be discussed in your 4-H Garden Manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your Extension Office. Example: spaghetti squash, head lettuce, cowpea, etc.
- C. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
- D. Make a poster of five commonly found vegetable garden insects: beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial, and how to control the injurious insects).
- E. Make a poster of a maximum of ten pests (diseases, insects, weeds and/or rodents) you found in your garden this year and damage caused, control measure used, and results.
- F. Make a poster explaining a Computer Garden Program.
- G. Make a poster showing a picture story of what you did in your garden this year. Example: how you planned, planted, and maintained your garden.
- H. Make a poster showing your financial record for your garden.
- I. Make a poster of pictures showing your experiences in hydroponics.
- J. Make a poster explaining various career options working with vegetables/herbs and gardening

V. "Just for Fun"

- 1. Largest (by weight) pumpkin/squash
- 2. Largest (by weight) watermelon
- 3. Largest (by weight) tomato
- 4. Largest (by weight) potato
- 5. Largest (by weight) onion
- 6. Largest (by weight) head of cabbage
- 7. Largest (by diameter) sunflower head
- 8. Unusual growth forms

STATE FAIR ENTRY: Any 4-H member exhibiting vegetables at the county fair is eligible to enter them at the State Fair. One educational exhibit from a Level C or D exhibitor will be selected for State Fair exhibit.

GENEALOGY

DIVISION:

Division I – First time taking project

Division II – Based on previous years in project

Division III – Based on previous years in project

Division IV – Based on previous years in project

Advanced – Based on previous years in project

RULES:

1. ALL NOTEBOOKS MUST be a conventional three-ring notebook that accommodates 8 1/2"x 11" notebook paper. Exhibit may include more than one notebook.
2. From Division I on, you will be adding to the notebook. All work must be done in order – Divisions I, II, III, VI, Advanced.
3. Information in the exhibit should be in black ink (all same color) or typed. Be sure dates and names are on each item.
- *4. Projects will be judged, photographed, and taken home after judging. The photo will stay on display during the county fair.

EXHIBIT:

RECORD SHEETS – A completed Genealogy Record Sheet must be submitted with the project exhibit at check-in time.

Division I

1. Exhibit a notebook(s) that includes the following:

- An Introduction page with a recent photograph of yourself.
- Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the *Indiana 4-H Genealogy Resource Guide 4-H 748*.
- A Family Group Sheet for your parents and each pair of grandparents. Sources of information must be filled in on family group sheets (see section "Recording the Information").
- **Four (4) "Additional Information Worksheets":**
 - **one (1) for you, the 4-H member**
 - **one (1) for your parents**
 - **one (1) for each set of grandparents (total = two worksheets)**
- Any documents or pictures pertaining to these three generations. Documents must be labeled with ancestor name and ancestor number. Pictures need to be labeled with ancestor name, plus names of all known people, place and date picture was taken, as well as ancestor numbers.
- A diary of your work.

2. Turn in a completed record sheet.

Division II

1. Exhibit a notebook(s) that includes the following:

- Four-generation pedigree charts. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15.
- A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (see section "Recording the Information" in the *Indiana 4-H Genealogy Resource Guide 4-H 748*).

- An additional information worksheet for each set of great grandparents.
- Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.
- Any other documents or pictures pertaining to these generations, correctly labeled.
- A diary of your work.

2. Turn in a completed record sheet.

Division III

1. Exhibit a notebook(s) that includes the following:

- Five-generation pedigree chart as in Division I, ancestors #1 through #31
- Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN.
- Additional Family Group Sheets and information worksheets for generation five (5). Sources of information must be filled in on family group sheets (see section "Recording the Information" in *Indiana 4-H Genealogy Resource Guide 4-H 748*).
- Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the future, or about life goals you hope to attain.
- Any documents or pictures pertaining to these generations, correctly labeled.
- A diary of your work.

2. Turn in a completed record sheet.

Division IV

1. Exhibit a notebook(s) that includes the following:

- Six-generation pedigree charts as in Division I, ancestors #1 through #63.
- Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
- Additional Family Group Sheets and information worksheets for generation six (6). Sources of information must be filled in on family group sheets (see section "Recording the Information").
- A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
- Any documents or pictures pertaining to these generations, correctly labeled.
- A diary of your work.

2. Turn in a completed record sheet

Advanced Division Exhibits

1. Exhibit a notebook(s) that includes the following:

- Eight-generation pedigree charts, ancestors #1 through # 255. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
- Your family group sheet and additional information worksheets for generations seven and eight.
- Sources of information filled in on family group sheets (see section "Recording the Information" in the *Indiana 4-H Genealogy Resource Guide, 4-H 748*).
- One advanced level option (see below).
- Any documents or pictures pertaining to these generations; correctly labeled.
- A diary of your work.

2. Turn in a completed record sheet.

Pedigree charts are available on the Indiana 4-H Web site for your additional genealogy research. Each year following, continue to add ancestors to your pedigree charts. In addition, choose one of the following options that has not been completed previously. Please identify, by letter, the option that you are completing (for example: Advanced Division, Year 1, Option A; Advanced Division, Year 2, Option C; etc.)

- A. A migration map of your eight-generation ancestors. You should have at least one map per family line with charts or explanations of the migrations.
- B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.
- C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.
- D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.
- E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.
- F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.
- G. Complete a family line or lines back as many generations as possible beyond eight generations. Include pictures, maps and documents. Be sure to include proper labels and sources.
- H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.
- I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.
- J. Family DNA history. (This can be a very expensive option) Please include charts and explanations.

STATE FAIR ENTRY: Notebooks from Divisions I, II, III, VI and Advanced.

GEOLOGY

DIVISION/GRADE:

Level 1 – Grades 3, 4, 5

Level 2 – Grades 6, 7, 8

Level 3 – Grades 9, 10, 11, 12

RULES:

1. All geology exhibits should be covered with heavy acetate or plastic and on a 22"x28" stiff backed poster displayed horizontally or shadow box 22"x28". Or, you may display your specimens in an insect display box (18 x 24 inches), orientated horizontally. Specimens should be about 1 1/4"x1 1/2" in size. Leave plastic loose so judge may examine specimens. Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Refer to poster section on page 24 for poster requirements. All posters must comply with these rules.
2. Create an exhibit to show the public some of the geology specimens you have collected. Choose one of the topics listed below, appropriate for your grade in school, and use that name for your title. You may use a sub-title, if you wish.

EXHIBIT:

RECORD SHEETS – A completed Geology Record Sheet must be submitted with the project exhibit at check-in time.

Notes:

- You may purchase your specimens and may display rocks, fossils, and minerals from other countries. If you purchase your specimen, indicate where and when. If you collect your specimen, indicate the county and township where you found your specimen.
- Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to secure your specimens securely. Project leaders suggest the following methods: soaking ½ cotton ball in Elmer's glue, hot glue, or clear tub sealant. Place the cotton ball in your box and put your rock (or fossil or mineral) on the cotton ball and let sit. It will take 1-2 weeks for Elmer's glue to fully harden. Specimens mounted with Elmer's glue can be removed by soaking the cotton ball in water. Glue remaining on the rock may be brushed off with an old, damp toothbrush. ****Shells are not considered fossils.**
- Do not identify your specimens any further than phylum and class (**except** for fossils in which you are to identify phylum OR class).
- You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H geology manuals.
- When exhibiting rocks—show a fresh surface to help judges identify the rock.
- Labels – Include the specific geographical location where you would expect to find any specimens as well as where you actually acquired it (found, purchased, etc.).

Level 1:

Display a poster (or use an exhibit box) based on one of the following activities:

- **The Rock Cycle** – (Activity 2) Explain the rock cycle using both words and pictures.
- ***Rock Types** (Activities 2-4). **Display rocks from the three major types:** igneous, sedimentary, and metamorphic. Examples of each include: Igneous – granite, basalt, gabbro; Sedimentary – limestone, dolomite, shale, chert, gypsum; and Metamorphic – quartzite, schist, basalt, granite.
- **Earth Processes** – (Activity 4). Color and display the picture in your book or draw and color your own on your poster. Briefly describe the earth processes that are shown.
- **Rock Artwork** – (Activity 12) Display your rock artwork and the story that you created.
- **Collections** – (Activity 11). Display and identify only 6 rocks.

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- **Making Crystal Models** – (Activities 16 & 17). Display the crystal forms characteristic of most minerals (cubic, tetragonal, hexagonal, orthorhombic, monoclinic, triclinic) in a display box with their name and mineral with this form. You may color, paint, or use markers on your crystal models.
- **Molds and Casts** – Display three molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast.

Level 2:

Display a poster (or use an exhibit box) based on one of the following activities:

- **Rocks with Different Textures** – Identify and display only six rocks with three very different textures (two rocks of each general type). Include three grades of sandpaper and show how the differences in sandpaper is similar to the differences in rock texture.
- **Indiana Limestone** – Show and label pictures or photographs of ten buildings, sculptures, or monuments made from Indiana limestone.
- **Mineral properties and tests** – Explain the characteristics: crystal form, cleavage, hardness, appearance, and streak. Explain tests used in identifying specimens. Examples you might include are streak, acid, hardness, chemical analysis, and specific gravity.
- **How We Use Minerals** – Show 10 common products that contain minerals. Explain the minerals that are contained in these products and the characteristic that makes them useful.
- **Geologic Time** – Create a display to show the major geologic eras. Indicate the names, specific features, and approximate length of each.
- **Indiana's Glaciers** – Show the extent of Indiana's three main glaciers.
- **Indiana Geology** – Exhibit a map or sketch of Indiana showing at least ten sites with interesting geological formations. Describe the formation and sketch or show a picture of the formation.
- **Field Trip** – Describe a geology field trip that you took. Describe where you went and what you learned. Include photographs (if possible) or sketch what you saw.
- **Collections** – Display and identify one of the following: 8-16 minerals, fossils, or 4-8 of each (half minerals and half fossils). You may exhibit a new collection in subsequent years but not one you have already exhibited.

Level 3:

Display a poster (or use an exhibit box) based on one of the following activities:

- **Geology Research** – Prepare a display to teach others about the topic you studied. Include an appropriate title, abstract (brief description of your topic), and photographs, drawings, charts, or graphs that help explain your topic. This activity may be repeated if a new topic is chosen in subsequent years.
- **Lapidary and Jewelry** – Show how stones and minerals are turned into polished stones and jewelry. Show and explain the steps involved.
- **Miniatures** – Display only five miniatures in a display box and explain the benefits of collecting miniatures and how they are prepared.
- **Indiana's State Parks or Forests** – Create a matching game of Indiana's State Parks or Forests and a brief description.
- **Indiana, U.S, or World Geology** – Teach others about one Indiana, U.S., or World Geology topic.
- **Career Exploration** – Prepare a display that explains your interview with someone who needs an understanding of geology to do their job.

Independent Study:

Prepare an educational display based on an Advanced Topic of your choice or mentor a younger 4-H member enrolled in the 4-H Geology project. Use the following guidelines:

- **Advanced topic** – Learn all you can about your topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Geology"
- **Mentoring** – exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Geology – Mentor."

STATE FAIR ENTRY: One exhibit in each Level.

***GIFT WRAPPING**

DIVISION/GRADE:

Level 1 – Grades 3, 4, 5

Level 2 – Grades 6, 7, 8

Level 3 – Grades 9, 10, 11, 12

RULES:

1. Packages for exhibit in Grade 3-7 must be empty.
2. NO READY MADE BOWS MAY BE USED. All bows must be hand-made, but ribbon to make the bow may be purchased. Make sure bow is in proportion to the package size. Bow should show increased difficulty each year.
3. All exhibits must have a self-made gift card attached to the top of the wrapped package containing the following information:
 - a. Occasion
 - b. Age of person receiving the gift
 - c. Who the gift is for – man, woman, boy, or girlThe self-made gift card must at least be as large as the project exhibit tag. Attach the exhibit tag to the back of the gift card.
4. Ribbon may be used to compliment the package.
5. "Making your own wrapping paper" is defined as decorating plain or colored wrapping paper in ways such as painting, drawing, stamping with a design, stenciling, applying stickers, etc.,

EXHIBIT:

RECORD SHEETS – A completed Gift Wrapping Record Sheet must be submitted with the project exhibit at check-in time.

Grade 3 – Wrap one package either square or rectangle (not to exceed 18-inches in any direction). Use purchased paper and one self-made bow. A self-made gift card must be attached (see general rule #3).

Grade 4 – Wrap one package either square or rectangle (not to exceed 18-inches in any direction). Use purchased paper and one self-made bow. One article (such as a rattle, cookie cutter, small toy, artificial flower, etc.) must be attached to the bow to accent the package. A self-made gift card must also be attached (see general rule #3).

Grade 5 – Wrap one package either square or rectangle (not to exceed 18-inches in any direction). Use purchased paper and one self-made bow. Articles (such as a rattles, cookie cutters, small toys, artificial flowers, etc.) must be attached to the bow to accent the package. A self-made gift card must also be attached (see general rule #3).

Grade 6 – Wrap one package either square or rectangle (not to exceed 24-inches in any direction). Wrap top and bottom separately using either purchased wrapping paper or make your own wrapping paper (see general rule #5) . Bow must be self-made and may have articles attached to it. A self-made gift card must be attached (see general rule #3).

Grade 7 – Wrap one cylinder-shaped package not to exceed 24-inches in any direction. Make your own wrapping paper (see general rule #5). Show creativity in the use of package design and trim. A self-made bow is optional. If you choose to use a bow for this level, it must be self-made. A self-made gift card must be attached (see general rule #3).

Grade 8 – Make one self-made gift bag from a cereal box using your own wrapping paper (see general rule #5). Add handles and tissue paper. A self-made bow is optional. Make sure to weigh the bag down with a bag of beans or rice so bag will sit properly.

Grades 9 and above – Wrap one package/gift not to exceed 36-inches in any direction from the following options:

- a. Wrap an odd-shaped or irregular-shaped box (examples: octagon, round, oval, cylinder, etc.).
- b. Wrap a series of two or three packages in a tiered effect wrapped as one complete package. Make each tier of the total package/gift accessible for individual judging. Do not tape, glue, etc. together (examples: three stacked cylinders, 2 rectangular boxes, one box and two cylinders).
- c. Make a self-made, creative gift bag. Add weight (beans or rice) so bag will sit properly.
- d. Wrap one gift which is not wrapped in a box (example: umbrella, baseball bat, broom, coffee mug, etc.).
- e. Wrap a gift basket in clear cellophane so judge can see what is in it. Show creativity in the container you use.

Wrap the above described packages (a. through e.) in non-traditional materials (examples: make your own wrapping paper, newspaper, fabric, natural materials, scarf, diaper, baby blanket, cellophane, metallic materials, etc.). All packages/gifts must have creative bows and trim where appropriate. A self-made gift card must be attached.

NO STATE FAIR ENTRY.

HEALTH

DIVISION/GRADE:

Level A – Grades 3, 4, 5

Level B – Grades 6, 7, 8

Level C – Grades 9, 10, 11, 12

RULES:

1. Refer to poster section on page 24 for poster requirements. All posters must comply with these rules.
2. Posters exhibiting inappropriate material for public display may not be displayed during the Johnson County Fair. If a poster is questionable, it will be reviewed by a committee during project judging week.

EXHIBIT:

RECORD SHEETS – A completed Health Record Sheet must be submitted with exhibit at check-in time.

Level A: First Aid in Action

Grade 3

- A. A poster on one of the following topics or any other topic covered in Level A:
 1. First Aid for Cuts and Scrapes
 2. First Aid for Choking
 3. First Aid for Strains, Sprains, and Bruises
- B. A family first aid kit
- C. An action demonstration related to a topic covered in Level A.

Grade 4

- A. A poster on one of the following topics or any other topic covered in Level A:
 1. First Aid for Treating Nosebleeds
 2. First Aid for Foreign Objects
 3. First Aid for Stings or Bites
- B. A family first aid kit (including at least 1 Make Your Own item discussed in your 4-H manual.
- C. An action demonstration related to a topic covered in Level A.

Grade 5

- A. A poster on one of the following topics or any other topic covered in Level A:
 1. First Aid for Poisons
 2. First Aid for Broken Bones
 3. First Aid for Burns
- B. A family kit for an emergency (tornado, snowstorm, no electricity, fire, etc.)
- C. An action demonstration related to a topic covered in Level A.

Level B: Staying Healthy

Grade 6

- A. A poster on one of the following topics or any other topic covered in Level B.
 1. Human viruses or bacteria
 2. Keeping hair, skin, nails, teeth, ears or eyes clean
- B. A report of three activities you completed in the 4-H manual.
- C. An action demonstration related to a topic covered in Level B.

Grade 7

- A. A poster on one of the following topics or any other topic covered in Level B.
 - 1. Nutrient rich “Power” foods
 - 2. Healthy snacks
 - 3. Appropriate portion sizes
- B. A report of three activities you completed in the 4-H manual.
- C. An action demonstration related to a topic covered in Level B.

Grade 8

- A. A poster on one of the following topics or any other topic covered in Level B.
 - 1. The importance of eating breakfast
 - 2. The importance of physical activity
 - 3. Turning everyday activities into exercise opportunities
- B. A report of three activities you completed in 4-H manual.
- C. An action demonstration related to a topic covered in Level B.

Level C: Keeping Fit**Grade 9, 10, 11, 12**

- A. A poster on a topic covered in Keeping Fit: Fitness Activities for Youth.
- B. A report of three activities you completed in the 4-H manual.
- C. An action demonstration related to a topic covered in Level C.

STATE FAIR ENTRY: One exhibit per level will be selected.

HOME ENVIRONMENT

DIVISION/GRADE:

Division I – Grade 3

Division II – Grades 4, 5

Division III – Grades 6, 7

Division IV – Grades 8, 9

Division V and Up – Grades 10, 11, 12

RULES:

1. A Notebook is Required in All Divisions. It must be a conventional three-ring notebook that accommodates 8½"x11" paper. Notebook must contain the current year's information, leaving the previous year's work in the notebook is optional.

EXHIBIT:

RECORD SHEETS – The Home Environment Record Sheet must be included in the notebook and submitted with the exhibit at check-in time.

Division I - Exhibit a hanging or storage item.

Division II - Exhibit a texture item or a storage item.

Division III - Exhibit 3 to 5 articles and/or accessories made or completed for a room project.

Division IV - Exhibit your project notebook with information about the special activity report of your work this year, plus one of the following:

- Unit or arrangement of 3-5 articles (furniture, floor or wall treatment, accessories) representing work that has been completed in one room
OR
- Educational exhibit that would visually explain to the public one thing learned in this project.

Divisions V & Up - Exhibit 1 of the following:

- A. An article or unit you have completed as part of your project.
- B. A report of a study you have done. This may be a report in notebook form or shown as an exhibit such as an educational display or a file box of ideas.
- C. An illustrated notebook showing your plans and accomplishments.
- D. A display showing before, during and after your project work.
- E. A file box of ideas.

STATE FAIR ENTRY: One exhibit in each of the divisions listed above.

INDIANA HERITAGE

DIVISION/GRADE:

Clover – Grades 3, 4, 5

Junior – Grades 6, 7, 8

Senior – Grades 9, 10, 11, 12

This project is designed to help you explore the history, culture and unique attractions of Indiana and the communities/counties contained within the state. History is all around you...examining family photo albums, public statues of famous people, historical markers, etc. Every community has a story...towns and cities were built for particular reasons...just look around you and you will discover interesting things to research.

EXHIBIT:

RECORD SHEETS – A completed Indiana Heritage Record Sheet must be submitted with each exhibit at check-in time.

Clover – Exhibit a poster on a topic related to Indiana Heritage. Poster must follow general poster guidelines.

Junior – Exhibit a notebook on a topic related to Indiana Heritage.

Senior – Exhibit an interactive learning center station suitable for 4th grade students on a topic related to Indiana Heritage. Exhibits may not exceed 28" wide by 36" long by 22" tall.

The key to the exhibit is something or someone as part of the history, culture or uniqueness of Indiana. Make sure you include important facts, pictures, drawings, sources, etc. in your exhibit.

Topic examples: County formation and name, a town's formation and its uniqueness, a famous person, transportation developments, Indiana companies, etc. You are not limited to Johnson County, so use your creativity!

Suggested Research sources: Indiana State Museum & Historic Sites, Indiana Historical Bureau or the Johnson County Museum.

NO STATE FAIR ENTRY.

JUNIOR LEADERS

DIVISION/GRADE:

Division 1 - Grade 7 (or first year in project)

Division 2 - Grade 8 (or second year in project)

Division 3 - Grade 9 (or third year in project)

Division 4 - Grade 10 (or fourth year in project)

Division 5 - Grade 11 (or fifth year in project)

Division 6 - Grade 12 (or sixth year in project)

EXHIBIT:

RECORD SHEETS - A completed Junior Leader Record Sheet must be submitted on or before AUGUST 3rd, 2009 to Purdue Extension - Johnson County.

All divisions must complete the following requirements as stated in the Junior Leader Program book for completion of the Junior Leader Project:

- Work at least one shift in the Junior Leader Coke Stand at the Johnson County 4-H and Agricultural Fair
- Volunteer as a project assistant during project judging or project release at the Johnson County 4-H and Agricultural Fair
- Enroll in a 4-H Club other than Junior Leaders
- Earn 150 points (point system described further in Junior Leader Handbook)
- Turn in Junior Leader Record Sheet ON or BEFORE AUGUST 3rd, 2009
- Turn in completed "Doing by Learning" sheet with Junior Leader Record Sheet ON or BEFORE

***Suggestions for Project Completion**

Resource: Step Up to Leadership, My Leadership Journal for Grades 6-8 (BU-7906)

Resource: Step Up to Leadership, My Leadership Portfolio for Grades 9-12 (BU-7907)

- Select a project mentor to assist you with your project
- Set goals for what you wish to accomplish in the Jr. Leaders project
- Select activities from the manual you wish to complete this year
- Complete each of these activities and review them with your project mentor

Additional Resource for Project Mentors:

- Step Up to Leadership, Mentor Guide for Grades 6-12 (BU-7904)

* NOTE: The Junior Leader club generally meets on the second Tuesday of each month. Meetings start in September of the previous calendar year and are open to all Johnson County 4-H members in the 7th - 12th grades. For more information on this project, please contact Purdue Extension - Johnson County at 736-3724.

NO STATE FAIR ENTRY.

MICROWAVE COOKING

DIVISION/GRADE:

Level A – Grade 3, 4

Level B – Grade 5, 6

Level C – Grade 7, 8, 9

Level D – Grade 10, 11, 12

Members will learn basic food preparation techniques for using the microwave. In the advanced divisions, members will learn how to convert recipes and prepare dishes for the entire meal.

RULES:

1. How to prepare products for display.
 - Most food products should be displayed on a disposable board, paper or foam plate.
 - For cakes – cut a piece of cardboard about ½ inch larger (on all sides) than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
 - Any other product that may be sticky on the bottom, such as fruit crisps or pies, may be left in the container in which they were microwaved. **Containers should be labeled so they may be returned to you following judging.**
 - All canned products must have the ring on the jar top to protect the seal.
2. Whole products will be exhibited for judging. Only a slice of the exhibit or one cookie will remain for show. The rest of the product will go home after judging, except those 4-H members receiving a blue honor. They will **not** receive their exhibit after judging. Recipes will be kept for display.
3. Recipes are required and must be placed on 5"x8" Johnson County Recipe Cards and must be covered with plastic. Label your recipe card with recipe name, 4-H members name, club name and division. Will be available on the website or at the Extension Office. Exhibits without the recipe cards will be lowered one ribbon placing.
4. All food exhibits must be made from scratch.
5. For baked product competitions: Filling, frosting, glazing, pie filling, and meringue whether uncooked or cooked are not permitted to contain cream cheese, whipped cream, unpasteurized milk or uncooked eggs/egg whites (pasteurized eggs or eggs cooked to 160°F may be used). Home-canned fruits, vegetables, or meats are not permitted in products. Recipes must be provided that show which ingredients were used in each part of the product. Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. Whenever possible, baked products should be transported and stored in chilled coolers (41°F or below).

EXHIBIT:

RECORD SHEETS – A completed Microwave Cooking Record Sheet must be submitted with the project exhibit at check-in time.

- Grade 3:** Microwave snack mix (in a package).
Grade 4: Six squares or bars of microwave fudge.
Grade 5: Six bars of microwave cookies or brownies.
Grade 6: One microwave upside down cake.
Grade 7: One microwave fruit crisp.
Grade 8: One microwave coffee cake.
Grade 9: One package of a microwave candy product.

Grade 10: One microwave double layer or bundt cake. (Note: Custards, cream, and cream cheese fillings or frostings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Grade 11: One microwave fruit and / or nut pie. (Note: Custards, cream, and cream cheese fillings are not acceptable in an exhibit because they are highly perishable when left at room temperatures.)

Grade 12: A jar of microwave jam or jelly. After making the jam or jelly in the microwave, it must be processed with a boiling water bath. Exhibit with lid and ring. Label with name of product, quantity, and date made.

NO STATE FAIR ENTRY

MODEL BUILDING

DIVISION/GRADE:

Clover – Grades 3, 4, 5

Junior – Grades 6, 7, 8

Senior – Grades 9, 10, 11, 12

RULES:

1. A member may enter **no more than two (2) model classes. Only one (1) entry is permitted in each class.** If entering 2 models, they must be separate displays. For example, if entering a car and a truck, they must be on two separate display boards.
2. Each class will be divided into Clover, Junior and Senior age groups.
3. **No snap together, bolt together, screw together, or nailed models allowed. These exhibits will receive a green ribbon.**
4. A note may be attached to the exhibit explaining the model.
5. Boards used for displaying models must be rigid and not be more than one inch larger than the model. Exhibit will be dropped one ribbon placing if not meeting size requirements. Use of display boards is optional, however, if a board is used the model must be attached to the board. Suggested methods of attachment include string, twist-ties, or wire that can be removed during judging and replaced for display.
- *6. Dioramas may not exceed 36"x36"x36". ABSOLUTELY NO EXCEPTIONS! Exhibit will be dropped one ribbon placing if not meeting the board and project size requirements. All Dioramas must be exhibited in the Diorama Class and built to scale.
7. The Other Model category will include figures, motorcycles, doll houses built to scale, wood models and other models not included in other classes. All types of airplanes, rockets, cars, boats, trucks and dioramas must be exhibited in their own category.
8. No live animals should be exhibited with the model.

EXHIBIT:

RECORD SHEETS – A completed Model Building Record Sheet must be submitted with project at exhibit check-in time. The record sheet should reflect information on all models exhibited.

1. **Model Airplanes** - Includes flying and display models for all types of aircraft.
2. **Model Cars** - Includes racers, customized, stock and antique car models.
3. **Model Boats** - Includes boats, submarines, ships, historic ships, racing boats, etc.
4. **Model Trucks** - Includes semi-trailers, pickups, vans, jeeps and other trucks.
5. **Spacecraft** - Includes all spacecraft except Rockets suitable for launching.
6. **Other Models** - Includes figures, motorcycles, doll houses built to scale, wood models and other models not included in other classes.
- *7. **Dioramas** - Three dimensional miniature scene with painted or non-painted modeled figures and background.

STATE FAIR ENTRY: Two models will be selected from Classes 1-7 for State Fair Exhibit.