Premiere 4-H Science

**Premium:** Purple $3.75; Blue $3.25; Red $2.50; White $1.25  
**# of Entries:** One per youth  
**CLASS:** X028-001 – Premiere Science Worksheet based on how science is used or linked to your project.

**General:** The exhibit is a worksheet (available at the office or [http://hall.unl.edu](http://hall.unl.edu)) brought to the fair on entry day. Pre-enter (with other pre-entries) by June 14.  
**Objective:** Recognize 4-H static exhibits incorporating or demonstrating concepts from the areas of 4-H Science.  
**Judging:** see “Premier 4-H Science Award” [http://go.unl.edu/5u7](http://go.unl.edu/5u7)  
**NOTE:** If your exhibit (not the worksheet) is selected for State Fair, you may enter the contest on the State level where up to 5 top 4-H science exhibits will be chosen and each will receive a $100 cash award sponsored by the NE 4-H Foundation.

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Public Speaking

**Premiums:** Purple $5; Blue $3.75; Red $2.50; White $1.25

**General Information:** The **Hall County Speech Contest** will be held at College Park on Monday, March 26 at 6:30 pm.  
- Pre-registration (call 385-5088) required.  
- This contest encourages 4-H members to prepare a new and original speech and/or Public Service Announcement (PSA) each year.  
- All speeches and PSA’s will be judged for appropriate content and participants for appropriate dress.  
- Rules and guidelines can be found at [4h.unl.edu](http://4h.unl.edu).  
- Class is based on 4-H age (as of Dec. 31, previous year)  
- Refer to newsletter for most current information.  

**Speech guidelines:**  
- First time speakers (Novice) may read or recite a selected story or poem in lieu of writing an original speech.  
- A **Novice** speaker is anyone 4-H age 8-10 who has never given a speech in a 4-H contest.  
- Junior, intermediate and senior speakers must write an original speech which promotes 4-H.  
- Various topics are allowed but a 4-H theme should be maintained.  
- If the speech or story has been written by someone else, credit must be given at the beginning of the presentation. It is not part of the time frame.  

**Public Service Announcement Guidelines:**  
- PSA may be submitted on tape or CD or presented live at the Hall County Contest.  
- PSA’s **must** promote 4-H (except Clover Kid and Novice division) and be general enough to be used anywhere in Nebraska. The PSA should include: (1) a catchy introduction.
(2) a body with information and/or a story about 4-H (3) a closing including where listener can get more information

All 4-H PSA’s must include the following tag line within the last ten seconds of the PSA: “Learn more about Nebraska Extension 4-H Youth Development Program at 4h.unl.edu.” The tag line is included in the 60 second time limit. The 2018 PSA theme is “4-H Grows True Leaders.”

**Communications**

Superintendent: June Atkins

**Premium:** Purple $3.25; Blue $2.50; Red $1.75; White - $1.25

**# of Entries:** One per class

**General Info:** All static exhibits must receive a purple ribbon at the county fair to advance to the State Fair. Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor’s learning in this area, and educational value of exhibit to viewers.

**Communications, Module 1, Division 154 Classes**

- Use one or a combination of the experiential activities in the Communications, Module 1 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include, but are not limited to: 1) Conducting an interview and sharing with a group, 2) Giving and understanding directions, 3) Evaluating and using appropriate Internet sources, 4) Composing a rap, and 5) Preparing an illustrated talk.

  **B154-101 - Poster** — Create a poster, measuring either 22”x28” or 24”x36”, that showcases what was learned in this project area.

  **B154-102 - Essay** — Write an essay (3-5 pages) that showcases what was learned in this project area.

**Communications, Module 2, Division 154 Classes**

- Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include, but are not limited to: 1) Identifying cultural differences in communication, 2) Developing guidelines for internet etiquette, 3) Evaluating another person’s presentation, 4) Identifying communication careers, and 5) Preparing a presentation using a form of technology.

  **B154-001 - Poster** — Create a poster, measuring either 22”x28” or 24”x36”, that showcases what was learned in this project area.

  **B154-002 - Essay** — Write an essay (3-5 pages) that showcases what was learned in this project area.

**Communications, Module 3, Division 154 Classes**

- Use one or a combination of the experiential activities in the Communications, Module 3 curriculum to create an educational poster, essay, or digital media sharing with others what you have learned. Topics may include, but are not limited to: 1) Composing a personal resume, 2) Completing research on a speech or presentation topic, 3) Identifying ways to reduce risks online, 4) Evaluating own cell phone usage and etiquette, 5) Critiquing advertisements, and 6) Job shadowing a communication professional.

  **B154-003 - Poster** — Create a poster, measuring either 22”x28” or 24”x36”, that showcases what was learned in this project area.

  **B154-004 - Essay** — Write an essay (3-5 pages) that showcases what was learned in this project area.

  **B154-005 - Digital Media** — Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5”x11” sheet of cardstock: 1) The QR code and 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

**Talent Show**

**# of Entries:** One from class 1-4, one in class 5

**Premium:** Purple $5; Blue $3.75; Red $2.50; White - $1.25

**General Info:** The Talent Contest will be held at College Park March 26 (contact the Extension Office for more info).

- Talent entries may include, but are not limited to: magic, comedy, instrumental solo or group, mime, skit or any other entertaining presentation.

- Act or musical piece must be new or different in some way from previous years.

- By participating in the Fine Arts Night, performers will be eligible to perform at the Fashion Show. 4-H staff will select and contact performers with consideration to time/space limitations and the theme of the show.

- Selection will be judged for age appropriate content and exhibitor for age appropriate dress.

- Dress code: age appropriate, knee length skirts or shorts.

**Classes**

- Clover Kid Best of Show (born 2010-2012)

- Junior Best of Show (4-H age 8-10)

- Intermediate Best of Show (4-H age 11-13)

- Senior Best of Show (4-H age 14 & older)

- Group Performance Best of Show

**Theater Arts**

Superintendent: June Atkins

**Premium:** Purple $3.75; Blue $3.25; Red $2.50; White - $1.25

**# of Entries:** Six

**Theater Arts, Division 160 Classes**

B160-001 - Costume (for self or other) - Made or decorated by 4-H’er for use in a theater arts production. Include a written explanation of the following:  ▲ How has (or will) the costume be used in a theater arts production? ▲ What did you learn while making the
Costume? Did you encounter rewards/challenges while making this costume? If so, what were they?

B160-002 - Portfolio - A collection of photographs, sketches or other samples illustrating the theater arts learnings such as costume design, stage make-up, written scripts, set design, etc.

B160-003 - Puppet - Made by the 4-H’er for use in a theater arts production.

B160-004 - Script - Written by 4-H’er for a play, musical, skit, puppet show, etc.

B160-005 - Stage Set Photo Display - Designed and built by 4-H’er. Include written description of the photos.


B160-007 - Club Play - To be performed at the 4-H Talent Contest. Contact the Extension Office for details.

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**Outstanding Exhibit Recognition**

Special recognition will be given to 4-H members with outstanding exhibits. Judges will select award recipients in both the Junior and Senior age divisions in the following categories:

- Communication & Expressive Arts
- Environmental Education & Earth Science
- Foods
- Home Environment
- Photography
- Plant Science
- Science, Engineering & Technology

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### Photography

4-H members are allowed entries in only one unit

**Superintendent:** Miranda Bright

**Premium:** Purple $3.75; Blue $3.25; Red $2.50; White $1.25

**# of Entries:** One per class

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All Static exhibits must receive a purple ribbon at the county fair to advance to the State Fair. Units II and III are State Fair eligible.

### GENERAL INFORMATION (all units):

- Photos must be shot by 4-H’er during the current project year.
- Exhibits not following the rules will be dropped one ribbon.
- A photograph may only be used on one exhibit and may be taken with a film or digital camera.
- 4-H entry tag must be securely attached on the front to the upper right hand corner of displays or prints - tape preferred.
- Securely attach photos. Unattached photos will be disqualified.
- Do not use photo corners, borders or place coverings over the exhibits. Do not include negatives.
- **Data Tags** - are required on all classes (pages 22-24). Securely attach the appropriate tag to the back of exhibits or include as page one in your photo showcase.

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### Picture Displays

- Three 4” X 6” photos mounted on horizontal 11” x 14” black (preferred) or white poster or matting board.
- Every photo on picture display must be pencil numbered below (for judge’s reference only). Numbers should be readable but not detract from display.
- No titles, captions, or stick-on numbers will be allowed.
- Photos must be mounted vertically or horizontally.
- Print/Display Data Tags (printed at the end of this section, pages 22-24) are required for all picture displays. Securely attach to back of exhibit.

### Photo Showcase: Choose project area 1, 2, 3 or 4 in the Unit I Focus on Photography manual - available at the Extension office.

- Complete the pages associated with the project area of your choice (project 1, 2, 3 or 4) or recreate and print the pages (still using actual photos).
- Place pages in an 8 ½ “X11” black or white 3 ring binder.
- Complete the Showcase Data Tag and include this as page one of your showcase.

### Focus on Photography Unit I, Division 180 Classes

B180-001 - Photo Journal (Showcase) - A single completed and bound section of project 1, 2, 3, or 4 in the Level 1 project manual “Focus on Photography.”

B180-002 - Photo Story Display of three photos that tell the beginning, middle and end of a story.

B180-003 - Fun with Shadows Display of three pictures of different subjects that capture the image of the shadow.

B180-004 - Magic and Tricks Display of three pictures of different subjects that use a “special effect” to create interesting photos.

B180-005 - Special Use of 4-H’ers Photography (other than printed photo) - Example: Printed on t-shirt, puzzle, calendar, wood cutout, greeting card, stickers.

B180-006 - You Be the Teacher - Share with others what you learned. Exhibit may be a poster (not to exceed 14” X 22”), a notebook or small educational display (not to exceed 12” deep, 15” wide, 10” high).

B180-007 - Picture Display - Theme: “Nebraska Bridges”--three pictures showing the theme three different ways.

B180-008 – Special County Display or Exhibit Print – Display three photos or an exhibit print from this project year.

### Unit II Picture Displays

- Three 4” X 6” photos mounted on horizontal 11” x 14” black (preferred) or white poster or matting board.
- Every photo on picture display must be pencil numbered (#2 lead pencil) below (for judge’s reference only). Numbers should be readable but not detract from display.
- No titles, captions, or stick-on numbers will be allowed.
- Mount photo vertically or horizontally.
- **Unit II Print/Display Data Tags are required (page 23).**

### Unit II Exhibit Prints

- All exhibit prints are 8” x 10” prints mounted in 11” x 14” (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board); rectangular or oval inside matt opening.
- Place photos horizontally or vertically as appropriate.
- **Unit II Print/Display Data Tags are required (page 23).**
Unit II Photo Showcase
- Choose one lesson from each of the four project areas in the Unit II Controlling the Image project manual - available at the Extension office.
- Take three photos that showcase each lesson, for example 3 photos using different shutter speeds or 3 photos showcasing the Rule of Thirds. You will take 12 photos in all.
- Mount 4" X 6" photos on 8 ½" x 11" white paper. For each set of three photos, include a short paragraph describing the lesson you are illustrating and changes you made to your camera settings for each photo (shutter speed, aperture, type of lighting). You may also draw the rule of thirds on your photos.
- Place pages in an 8 ½ "X11" black or white 3 ring binder. Plastic sleeves are recommended for each page.
- Showcase Data Tags are required (page 22). For your showcase, complete only the Showcase Data Tag and include this as page one of your showcase.

Controlling the Image Unit II, Division 181 Classes
B181-008 – County Only - Special County Display or Exhibit Print – Display three photos or an exhibit print from this project year.
B181-009 - County Only - Special Use of Photography (other than printed photo) Example: Printed on t-shirt, puzzle, calendar, wood cutout, greeting card, stickers, etc.
*B181-010 – Controlling the Image Showcase – Three-ring binder of three 4"x6" photos showcasing four lessons addressed in the Unit II project manual titled “Controlling the Image”. A showcase will include a total of 12 photos.
B181-020 – Manual Setting Exhibit Print – Entry will consist of a print that showcases the participant’s ability to master the manual settings on the camera: 1) Manual Focus, 2) Manual Aperture, 3) Manual Shutter Speed, 4) Combination of any of the listed techniques, 5) Other technique not listed.
B181-030 - Lighting Display or Exhibit Print - Display of 3 pictures of 3 different subjects or an exhibit print that demonstrates lighting effects (low lighting, hard lighting, soft lighting, silhouettes & lighting with a flash).
B181-040 - Composition Display or Exhibit Print – Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lessons in the Unit II Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Building a Photo, or Capture a Candid Photo).
B181-050 – Smart Phone Candid Capture Display or Exhibit Print - Display of 3 pictures of 3 different candid shots or an exhibit print that captures a candid, un-posed moment. *This class is only for photos captured on mobile device (phone or tablet).
B181-060 – True Leader Exhibit Print – Explore true leaders in your community. True leaders can be anyone from community leaders, teachers, and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?

Unit III Exhibit Prints
- All exhibit prints are 8” x 10” prints mounted in 11” x 14” (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board); rectangular or oval inside matt opening.

Unit III Data Tags are required (page 24).
- Note: Manual adjustments are strongly encouraged for Unit III Exhibits.

Unit III Photography Portfolio
- Select ten photos from your 4-H career that represent the strongest collection of your work.
- Photos may have been taken at any time during the 4-H experience and may have been previously exhibited. Photos can only be used in a portfolio once.
- Place photos in plastic sleeves and present them in an 8½ "X 11" black or white 3 ring binder. No matting is necessary.
- On the first page of the portfolio include a table of contents listing a title for each photo in your collection and a narrative describing the overall intent for the portfolio. For example, the portfolio could include a range of your work from your earlier years in 4-H photography to the present, you could have a creative theme for your portfolio or you could include photos that illustrate your diverse photography skills.

Unit III Data Tags are required along with supporting information. On the page prior to EACH photo, include an information sheet for each photo that includes: 1) Unit III Data Tag, 2) the photograph title and 3) a paragraph describing how the photo contributes to the overall intent of your portfolio. The information sheet and the photo should create a two page layout so that when the portfolio is open, the information sheet is the page on the left and the photo is the page on the right.

Mastering Photography Unit III, Division 182 Classes
B182-008 – County Only - Special County Display or Exhibit Print – Display three photos or an exhibit print from this project year.
B182-009 - County Only - Special Use of 4-Hers photography (other than printed photo) - Example: Printed on t-shirt, puzzle, calendar, wood cutout, greeting card, stickers, etc.
*B182-010 - Photography Portfolio – Ten photos that represent the strongest collection of the 4-Her’s work. (See notes above.)
B182-020 - Advanced Lighting Exhibit Print - Illustrates creative lighting.
B182-030 – Breaking the Rules – Entry will consist of a print that presents a unique focal point and uses different viewpoint, lines, shapes & spacing to create a compelling image.
B182-040 - Portrait Exhibit Print - Captures both physical characteristics and personality in their subjects.
B182-050 - Challenging Exhibit Print - Illustrates a special effect: 1) double exposure, 2) light painting, 3) flash multiple exposure, 4) filters, 5) night time exposure, 6) digitally altered photos, 7) other technique not listed.
B182-060 – True Leader Exhibit Print – Explore true leaders in your community. True leaders can be anyone from community leaders, teachers, and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?

Data Tags for Photography Exhibits are on pages 22-24.
Data Tags
► Camera Description (i.e. Cannon Powershot A630, 8 megapixels, digital, automatic, compact). Is it a film or digital camera? Is your focus automatic, manual or fixed? (Auto/Manual/Fixed) Is it a SLR (single lens reflex) or compact camera? (SLR cameras normally have interchangeable lens.)
► Shutter Speed Setting - On a digital camera, the Shutter Speed setting can be found in the data attached to the photo. This may be an automatic setting or manually adjusted.
► Aperture Type/F Stop Setting - On a digital camera, the F Stop setting can be found in the data attached to the photo. This may be an automatic setting or manually adjusted.
► Special Lens Used (Unit III only) - For SLR cameras with interchangeable lens (i.e. fisheye, panoramic, telephoto, etc.).
► Filter Used (Unit III only) - This is an attachment to your lens (i.e. UV, polarized, etc.).
1) Were you trying to capture an emotion, an event, color, etc.? What do you like about your photo?
2) Did you use any additional photographic equipment such as reflectors, soft box, lighting, etc. What software did you use to edit and print your photo? (photoshop, picaso, etc.) Did you print your photo at home, a local store or on-line service?
3) Did you change the original photo? (cropping, red-eye, corrections)

Units I and II Showcase Data Tag

Name: _________________________________________________________________________
Age: _______________________ County: ____________________________________________
Class: _________________________________________________________________________
Years in Photography: ____________________ Years in the Current Unit: ____________________

Tell us about your camera and camera settings:
Camera Description: ________________ (make, model) (digital, film) (fixed, auto, SLR)
--OR--
Phone/Tablet Camera Description: ________________________ (make, model) (megapixels)

Did you adjust manually?   Yes or No

Tell us about your photographs:

1) What photo in your showcase is your favorite and why?
________________________________________________________________________
________________________________________________________________________

2) How was this photo taken and printed (equipment and software used)?
________________________________________________________________________
________________________________________________________________________

3) Describe any edits or changes made to the picture using computer software.
________________________________________________________________________
________________________________________________________________________
Units I and II Print/Display Data Tag

Name: ____________________________________________
Age: ___________________ County: ____________________________
Class: ____________________________________________
Years in Photography: ____________________ Years in the Current Unit: ____________________

Tell us about your camera and camera settings:

Camera Description: ___________________   __________________   _____________________
                  (make, model)                  (digital, film)                    (fixed, auto, SLR)
--OR--

Phone/Tablet Camera Description: ________________________     ________________________
                  (make, model)                                (megapixels)

Did you adjust manually?   Yes   or   No

Shutter Speed: ___________________________ (Unit II only, Controlling the Image, p. 10-13)
Aperture/F Stop: ___________________________ (Unit II only, Controlling the Image, p. 10-17)

Tell us about your photograph:

1) What did you intend to capture and what do you like about this photo?

2) How was this photo taken and printed (equipment and software used)?

3) Describe any edits or changes made to the picture using computer software.
# Unit III Data Tag

Name: ________________________________________________________________

Age: ___________________ County: ________________________________________

Class: ________________________________________________________________

Years in Photography: ____________________ Years in the Current Unit: __________

Tell us about your camera and camera settings:

Camera Description: ___________________ ___________________ ___________________

(make, model)                  (digital, film)                    (fixed, auto, SLR)

--OR--

Phone/Table Camera Description: ___________________ ________________________

(make, model)                                (megapixels)

Did you adjust manually? Yes or No

Shutter Speed: _______________________________________ (Controlling the Image, p. 10-13)

Aperture/F Stop: ________________________________ (Controlling the Image, p. 10-17)

Special Lens: ________________________________ (Mastering Photography, p. 10-13)

Filter: _______________________________________ (Mastering Photography, p. 14-17)

Tell us about your photograph:

1) What did you intend to capture and what do you like about this photo?

________________________________________________________________________

________________________________________________________________________

2) How was this photo taken and printed (name the equipment and software used)?

________________________________________________________________________

________________________________________________________________________

3) Describe any changes made to the picture using computer software.

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