usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.

- **Veterinary Science Displays**: A display may include but is not limited to a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28", on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide, or in a three-ring binder or another bound notebook format.
- Appropriate Veterinary Science Topics:
  - o Maintaining health
  - o Specific disease information
  - o Photographic display of normal and abnormal characteristics of animals
  - o Animal health or safety
  - o Public health or safety
  - o Proper animal management to ensure food safety & quality
  - o Efficient and safe livestock working facilities
  - o A topic of the exhibitor's choosing related to veterinary medicine or veterinary science.
- Remember, since these are science displays, all references and information must be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians, and

excerpts from Veterinary Educational Literature. *Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.*

- Scoresheets, forms, contest study materials and additional resources can be found at: https://go.unl.edu/ne4hvetscience
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/program_project/20

DEPT. H / DIV. 840
VETERINARY SCIENCE
GENERAL INFORMATION *[Scoresheet SF119]***:**

- Understand animals' basic needs; Keep health records; Learn about future veterinary technology; Recognize healthy skin and membranes; Learn basic disease prevention techniques; Learn about maintaining animal health; Explore veterinary medicine as a career.

Class 1   4-H Veterinary Science Large Animal Poster, Notebook or Display
Class 2   4-H Veterinary Science Small Animal/Pet Poster, Notebook or Display

COMMUNICATIONS & EXPRESSIVE ARTS

PHOTOGRAPHY

PHOTOGRAPHY GUIDELINES

- The purpose of this project area is to establish basic to advanced knowledge of and abilities in using photographic equipment, lighting, and composition to capture images, express feelings, and communicate ideas. Participants can work through the three project levels, progressing from basic to advanced photography skills and techniques.
- 4-H members are allowed to exhibit in only one photography level. 4-H members may enter no more than one exhibit per class.
- An image may only be used on one exhibit with the exception of the Portfolios, which may include images entered in other classes.
- **Cameras** – Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
- Photos must be shot by the 4-H member during the current project year with the exception of Portfolios which may include images captured and/or exhibited in previous years.
- Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.
- **Portfolios** – All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:
  - o Printed portfolios should be presented in a 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary.
  - o Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
- **Display Exhibits** – Display exhibits are encouraged for Level 1 exhibitors; however, display exhibits going to State Fair are only accepted in Level 2. Displays consist of three 4"x6" photos mounted on a single horizontal 11"x14" black or white poster or

mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed. Photos may be mounted vertically or horizontally.
- **Print Exhibits** – Print exhibits must be 8"x10" prints mounted in 11"x14" (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed.
- **Entry Tags** – Entry tags should be securely attached to the **upper right-hand corner of the exhibit.**
- **Data Tags** – **Data Tags are required on all print and display exhibits.** Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outlined below. Data tags should be securely attached to the back of the exhibit. Current data tags and reference sheets are available here: https://go.unl.edu/ne4h-photography
  - o **Level 1 Prints –** All Level 1 prints must have a Level 1 Data Tag.
  - o **Level 1 Displays –** Each photo of the display must include a separate Level 1 Data Tag. Data Tags should be numbered with the corresponding photo's number.
  - o **Level 2 Prints –** All Level 2 prints must have a Level 2 Data Tag.
  - o **Level 2 Displays –** Each photo of the display must include a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number.
  - o **Level 3 Prints –** All Level 3 prints must have a Level 3 Data Tag.
- **Data tags**, Scoresheets, forms, contest study materials and additional resources can be found at: https://go.unl.edu/ne4h-photography
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/program_project/28

SPECIAL AWARDS

- **On-Campus Exhibition Selection:** Level 2 and Level 3 prints exhibited at State Fair may be selected for special on-campus exhibitions. Selected prints will be collected at the end of State Fair and will be returned to the county Extension office after the completion of their on-campus exhibition.

DEPT. B / DIV. 180
LEVEL 1 – PHOTOGRAPHY BASICS
GENERAL INFORMATION *[Scoresheet SF87]:*
- Get to know your camera; Practice keeping camera steady and level; Practice taking photos, noticing natural light; Notice shadows and their potential in photography; Practice using natural light from several different directions; Practice using flash for fill, solving red-eye problems; Evaluate background, middle-ground, and foreground when taking photos; Practice filling the frame with the subject; Practice eliminating background clutter in photos; Practice using different viewpoints and perspectives in photos; Compose creative, unusual photos; Compose variety of selfies; Take photos of people, places, and things; Sequence photos to tell a story; Create black and white photos; Evaluate photos using critical thinking.

(*NOT Eligible for State Fair*)
Class 901   Basic: Bird's or Bug's Eye View Display or Print: Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view) (Activity 10).

Class 902   Basic Lighting: Fun with Shadows Display or Print: Photos should capture interesting or creative use of shadows (Activity 4).

Class 903   Basic Composition: Tricks and Magic Display or Print: Photo should capture visual trickery or magic. Trick photography requires creative compositions of objects in space and are intended for the person viewing the photo. For example, if someone is standing in front of a flowerpot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person's head (Activity 11).

Class 904   Basic Abstract: Get in Close Display or Print: Photo should capture a close-up view of the subject or object (Activity 8).

Class 905   Basic Candid: People, Places, or Pets with Personality Display or Print: Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or unposed (Activity 13).

Class 906   Basic Color: Black and White Display or Print: Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white (Activity 15).

DEPT. B / DIV. 181
LEVEL 2: NEXT LEVEL PHOTOGRAPHY
GENERAL INFO *[Scoresheet SF87(display/print) & SF88(Portfolio)]:*
- Get to know your camera's capabilities using zoom; Practice using different lens filters; Practice using light to portray a specific mood; Practice taking photos of reflections; Practice taking photos without the flash feature on your camera; Practice using the Rule of Thirds and the Rules of the Golden Triangle and the Golden Rectangle; Practice taking photos from different points of view/perspectives; Practice creating photos with interesting negative spaces; Practice capturing unposed, candid shots of a subject or event; Practice taking photos of "bits and pieces" of ordinary objects to create a work of art; Practice using a camera to create a panorama; Use color to create photos that are cool/warm, monochromatic, contrasting, and/or complementary; Practice taking photos with a specific purpose in mind to teach, instruct, or sell a product or service; Evaluate photos that represent your body of work.
- Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 Photography Basics and Book 2 Next Level Photography.

Class 10   Level 2 Portfolio: Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year.

Class 20   Next Level Lighting: Creative Techniques & Lighting Display or Print: Photos should capture a creative use of lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5).

Class 30   Next Level Composition: Creative Composition Display or Print: Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition technique (Activity 6, 7, 8, 9).

Class 40   Next Level Abstract: Abstract Photography Display or Print: Photos should be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything in particular but should be able to capture a viewer's attention (Activity 11).

Class 50   Next Level Candid: Candid Photography Display or Print: Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed (Activity 10).

Class 60   Next Level Color: Expression Through Color Display or Print: Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, warm, cool, monochromatic, primary, secondary, or tertiary (Activity 13).

DEPT. B / DIV. 182
LEVEL 3: MASTERING PHOTOGRAPHY
GENERAL INFORMATION *[Scoresheet SF87(print) & SF88(Portfolio)]:*
- Get to know your camera's capabilities using the mode dial; Practice capturing a focal point understanding how camera equipment and depth of field affects the photo; Practice taking photos in low-light situations; Practice taking photos that help you get the correct exposure; Practice taking silhouettes; Practice composing photos that include geometric shapes and interesting framing; Practice composing photos that break photography "rules"; Practice taking still-life photos; practice capturing portraits showing a person's character and personality; Practice taking photos of interesting shapes, patterns, and textures; Practice capturing photos where the subject is in motion; Practice taking photos that are outside the normal limits: astrophotography, underwater, infrared; Practice creating creative joiners; Evaluate photos that represent your body of work.
- Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography.

Class 10   Level 3 Portfolio:
Level 3 portfolios should represent the photographer's best work and must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year.

Class 20   Advanced: Techniques & Lighting Print:
Photos should show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography covered in Book 3 Mastering Photography (Activity 3, 4, 5, or 12).

Class 30   Advanced: Composition Print:
Photos should show advanced compositions, such as using diagonal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewer's eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique (Activity 6, 7).

Class 40   Advanced: Portrait Print:
A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal, but must be of one or more human subjects (Activity 9).

Class 50   Advanced: Still Life Print:
Photos should capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition (Activity 8).

Class 60   Advanced: Freeze/Blur the Moment Print:
Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement (Activity 11).

COMMUNICATIONS

(NOT Eligible for State Fair)

COMMUNICATIONS GUIDELINES
- The communication category provides 4-H participants an opportunity to improve their presentation and public speaking skills. In addition, 4-H Members will get to demonstrate their knowledge of varying degrees of communication. Competitors have the option of creating a poster, essay, or digital media in the different divisions.
- 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.
- Scoresheet can be found at: https://extension.unl.edu/statewide/washington/UPDATED%201.20%20COUNTY%20ONLY%20SCORESHEETS.pdf
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/data_dump/2

DEPT. B / DIV. 154

[Scoresheet SF94]

COMMUNICATIONS - MODULE 1
GENERAL INFORMATION:
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:
- Identifying cultural differences in communication
- Developing guidelines for internet etiquette
- Evaluating another person's presentation
- Identifying communication careers
- Preparing a presentation using a form of technology

Class 901   POSTER: Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class 902   ESSAY: Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS - MODULE 2
GENERAL INFORMATION:
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:
- Identifying cultural differences in communication
- Developing guidelines for internet etiquette
- Evaluating another person's presentation
- Identifying communication careers
- Preparing a presentation using a form of technology

Class 1   POSTER: Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class 2   ESSAY: Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS - MODULE 3
GENERAL INFORMATION:
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:
- Composing a personal resume
- Completing research on a speech or presentation topic
- Identifying ways to reduce risks online
- Evaluating own cell phone usage and etiquette
- Critiquing advertisements
- Job shadowing a communication professional

Class 3   POSTER: Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class 4   ESSAY: Write an essay (3-5 pages) that showcases what was learned in this project area.

Class 5   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 (website, 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, i.e. qr-code-generator.com). Print the following on an 8.5"x11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

POSTERS

(NOT Eligible for State Fair)

POSTERS GUIDELINES
Posters will be judged on the following criteria
- IDEA: simple, clear message, appropriate for a poster.
- LETTERING: readable from a distance, appropriate size in proportion to art.
- ART: one dominant, eye-catching element: art relates to written message.
- ARRANGEMENT: makes good use of entire poster space without being too crowded: art and lettering are balanced.
- COLOR: use of bold colors that harmonize, colors used are legible.
- QUALITY OF CONSTRUCTION: neatness; appropriateness of materials used.
- EFFECTIVENESS: works well as a poster.
- Posters should be no larger than 14" x 22".
- They may be arranged either horizontally or vertically.
- Posters may be in any medium: watercolor, ink, crayon, markers or computer graphics.
- Posters may not use copyrighted materials, such as cartoon characters or commercial product names, logos or slogans.
- When using the official 4-H Emblem (Clover with the H's on each leaf), it must follow approved guidelines: https://www.nifa.usda.gov/sites/default/files/asset/document/4-H%20Name%20and%20Emblem%20User%20Guide%202014.pdf
- Entries which do not conform to size, content or material guidelines will be lowered one ribbon placing.
- Posters may be laminated to protect them.
- Scoresheet can be found at: https://extension.unl.edu/statewide/washington/UPDATED%201.20%20COUNTY%20ONLY%20SCORESHEETS.pdf
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/data_dump/2