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Communications & Expressive Arts

Superintendent: Jackie Johnson



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, expressing feelings, and communicating ideas. Participants can work through the three project levels, progressing from basic to advanced photography skills and techniques.

Photography

GENERAL PHOTOGRAPHY RULES

1. 4-H members are allowed to exhibit in only one photography level.
2. 4-H members may enter up to three exhibits but no more than one exhibit per class (see general rules)
3. An image may only be used on one exhibit with the exception of Portfolios which may include images entered in other classes.
4. Cameras-Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
5. 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.
6. Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified.
7. 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:
 1. Printed portfolios should be presented in an 8.5 inch x 11 inch three-ring binder or similar book format. Recommended photo size is 8 inch x 10 inch. Matting is not necessary.
 2. Digital portfolios may be presented online and must be exhibited along with a single 8.5 inches x11 inches flier. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
8. Display Exhibits: Display exhibits are only accepted in Level II. Displays consist of three 4 inches x 6 inches photos mounted on a single horizontal 11 inch x 14 inch 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. Appropriate Data tags are required. (see rule regarding Data Tags)
9. Print Exhibits: Print exhibits must be 8 inch x10 inch prints mounted in 11 inch x 14 inch (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. Appropriate data tags are required. (see rule regarding Data Tags)
10. Entry Tags: Entry tags should be securely attached to the upper right-hand corner of the exhibit.
11. 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.
 - Level 1 Prints: All Level 1 prints must have a Level 1 Data Tag.
 - Level 2 Prints: All Level 2 prints must have a Level 2 Data Tag.
 - 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.
 - Level 3 Prints: All Level 3 prints must have a Level 3 Data Tag.
 - 12. 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 county Extension offices after the completion of their on-campus exhibition.

Level 1 Rules

Level 1 Picture Displays:

- Mounted on a single horizontal **14 inch X 22 inch** black (preferred) or white poster board. Unless you are entering class B180-906 then the poster board can be smaller to frame your photo.

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- Every photo on the picture display must be pencil numbered (no. 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.
- Individual photos may be cropped either horizontally or vertically with straight edged scissors. No decorative cuts. Corners must be 90 degrees.
- Photos must be mounted vertically or horizontally.
- Personal Data Tags are required (See General Rule G).

Level 1 Photo Showcase Journal: (Class 903)

- Choose project area 1,2,3, or 4 in the Level 1 project manual titled. "Focus on Photography".
- 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 inch x 11 inch black or white 3 ring binder.
- Personal Data Tags are required (See General Rule G). For your journal complete only the Showcase Data Tag and include this as page one of your showcase.

PREMIUM	Purple	Blue	Red	White
	\$3.00	\$2.75	\$2.25	\$1.75

Level 1 Classes

(May use digital camera) (Pictures may be cropped to fit)

B180-901 Picture Display (SF85) Entry will consist of five pictures. The 4-H member will select one picture from five different categories. Categories to be selected from include: 1. animal, 2. building, 3. people, 4. landscape, 5. trick photography, 6. still life 7. Sports.

B180-902 Picture Stories Series (SF85) Three to five pictures which tell a photo story and should have a photographic introduction, a body, and a conclusion, all done with pictures. No captions are to be used!

B180-903 Photo Journal (SF85) An entry will consist of a single completed and bound section of project 1, 2, 3 or 4 in the Level 1 project manual titled "Focus on Photography".

B180-904 Fun with Shadow Display (SF85) Entry will consist of 3 pictures of 3 different subjects that capture the image of the shadow.

B180-905 Magic and Tricks Display (SF85) Entry will consist of a display of 3 pictures of 3 different subjects that use a "special effect" to create interesting photos. Refer to pages 50 – 51 of the manual.

B180-906 Favorite Photo (SF85) Entry will consist of your favorite photo in size 5 inch X 7 inch or 8 inch X 10 inch. Categories will include, but are not limited to, animals, buildings, people, landscape, sports, trick photography and still life for the special county entry. Entries will be judged on creativity, clarity and composition.

B180-907 Composition Comparison (SF85) 5 pictures of the same subject. 1) long shot, 2) medium shot, 3) close-up, 4) ultra-close-up, 5) distance too close for your camera to focus clearly - measure and label this distance.

B180-908 Picture Series from a Bird's Eye View (SF85) 5 pictures looking at common subjects from above.

B180-909 Picture Series from a Bug's Eye View (SF85) 5 pictures looking at common subjects from below.

B180-910 to B180-916 require answers to listed questions to be attached neatly to the lower right corner on the front of the poster.

B180-910 Still Life Comparison (SF85) 4 pictures of the same subject. 1) Hold camera in your hands, 2) Hold camera using a tripod or other stabilizer, 3) Landscape orientation 4) Portrait orientation. Answer these questions: How did the tripod/stabilizer picture compare to just holding the camera (Blurry? Tilted?) Comparing the landscape to the portrait orientation, how do they affect the feel or mood of the picture?

B180-911 Picture Series (SF85) 5 pictures of the same subject taken at least 2 hours apart. Label each with date and time of the picture. Explain which time of day pictures do you like the best and why?

B180-912 Flash Comparison (SF85) 2 pictures of the same subject in bright daylight; 1) without flash, 2) with flash. Also, take 2 pictures of the same subject indoors: 1) without flash, 2) with flash. Explain the differences in each set of two pictures.

B180-913 Lighting Display (SF85) 4 pictures of the same still life subject; 1) front lighting 2) side lighting 3) backlighting 4) overhead lighting. Explain what this activity taught you about the value of experimenting with a procedure to improve your picture.

B180-914 Foreground/Background/Landscape Comparison (SF85) Take 2 pictures of the same subject. 1) 2/3 sky, 1/3 land 2) 1/3 sky, 2/3 land. Explain the strengths and weaknesses of each photo. Also, two pictures of another subject, 1) main subject in foreground, 2) main subject in the background. Describe the story that each picture tells.

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B180-915 Black and White Comparison (SF85) 2 pairs of photos of the same subjects, (4 photos total) 1) color, 2) black and white. (May set the camera to black and white or photocopy a color photo.) Explain how the black and white image compares with the color one. Which one did you like best and why?

B180-916 Cropping Study (SF85) Make 2 copies of one 4 inch x 6 inch photograph of any subject (3 total). Keep the original and crop the two copies two different ways. Pick your favorite of these three and enlarge it to 4 inch x 6 inch. Describe the pros and cons of each of these 4 photos.

PREMIUM	Purple	Blue	Red	White
	\$3.50	\$3.25	\$2.75	\$2.25

Level 2 Rules

1. 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.

Level 2: Next Level Photography

B181-010 Level 2 Portfolio (SF88) 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. Portfolios must include: 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 image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

B181-020 Creative Techniques & Lighting Display or Print (SF87) 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)

B181-030 Creative Composition Display or Print (SF87) Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle, or another composition technique covered in Book 2 Next Level Photography. (Activity 6, 7, 8, 9)

B181-040 Abstract Photography Display or Print (SF87) 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)

B181-050 Candid Photography Display or Print (SF87) Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

B181-060 Expression Through Color Display or Print (SF87) Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

Classes 901-903 require answers to listed questions to be attached neatly to the lower right corner on the front of the poster.

B181-901 Aperture Study (SF87) Take 3 photos of still subjects. Test different aperture settings but leave the shutter speed the same. Record the settings below each picture. Describe how your pictures changed with changes in the aperture.

B181-902 Shutter Speed Study (SF87) Take 3 photos of moving water. (Fountain, waterfall, sprinklers, etc.) Test different shutter speeds but leave the aperture the same. Record your settings below each picture. Describe how your pictures changed with the changes in the shutter speed.

B181-903 Focus Study (SF87) Select a daylight scene and take two pictures. 1) set the aperture at its largest opening (f/2.8 to f/4) and the other at the smallest aperture opening (f/9 to f/22 depending on your camera.) Adjust the shutter speed. Describe and compare the depth of field in picture 1 and 2.

B181-904 Silhouette Display (SF87) Entry will consist of 3 photos of 3 different subjects using backlight in order to form silhouettes.

B181-905 Silhouette Exhibit Print (SF87) Entry will consist of exhibit print that demonstrates backlight in order to form a silhouette of a subject.

B181-906 Flash Photography Study (SF87) Take 3 pictures of the same subject using a variety of flash techniques such as camera mounted flash, side flash, flash bounced off the ceiling or wall, diffused flash with masking tape, tissue, or other item, flash diffused with your finger, or using a reflector. Label each picture with technique used.

B181-907 Rule of Thirds, Golden Triangle and Golden Rectangle Study (SF87) Display photos, one using the rule of thirds, one using the golden triangle, and one using the golden rectangle. Make a template of each rule out of velum, tracing paper, or clear plastic and overlay each photo. Label each one (1 photo each of 3 different subjects).

B181-908 Bits and Pieces (SF87) Entry will consist of three photos of close-ups of familiar items. Fill the frame with small parts of whole subjects.

B181-909 Panorama (SF87) takes a series of 3 – 5 pictures from the same spot and splice them together to make a panorama.

B181-910 Lighting Exhibit Print (SF87) Entry will consist of an exhibit print that demonstrates lighting effects.

B181-911 Action Exhibit Print (SF87) Entry will consist of an exhibit print that captures motion and represents the

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action in the photo.

B181-912 Spelling Bee Exhibit Print (SF87) Photograph any letter of the alphabet in your surroundings. Find letters in the architecture of buildings, growing in a garden or on items in your own home.

B181-913 Spelling Bee Display (SF87) Spell a word in pictures. Photograph letters of the alphabet in your surroundings and combine them to spell a word. Use an appropriately sized matboard for your display.

Level 3 Rules

1. Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using a dSLR 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.

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	\$3.50	\$3.25	\$2.75	\$2.25

Level 3: Mastering Photography

B182-010 Level 3 Portfolio (SF88) Level 3 portfolios should represent the photographer's best work. Level 3 portfolios 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. Portfolios must include: 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 image. 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.

B182-020 Advanced Techniques & Lighting Print (SF89) 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. (Activity 3, 4, 5, or 12)

B182-030 Advanced Composition Print (SF89) 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 covered in Book 3 Mastering Photography (Activity 6, 7)

B182-040 Portrait Print (SF89) 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)

B182-050 Still Life Print (SF89) 50 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)

B182-060 Freezer/Blur the Moment Print (SF89) Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

B182-901 Portrait Exhibit Print (SF89) Entry will consist of a print that captures both physical characteristics and personality in their **non-human** subjects.

B182-902 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Light Painting**. *Remember to answer the additional question for this class on Part B of the data tag

B182-903 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Flash Multiple Exposure**. *Remember to answer the additional question for this class on Part B of the data tag

B182-904 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Filters**. *Remember to answer the additional question for this class on Part B of the data tag

B182-905 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Nighttime Exposure**. *Remember to answer the additional question for this class on Part B of the data tag

B182-906 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Zooming** (to create the effects of motion in your photo).

B182-907 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates the special effect of **Digitally Altered Photos**. *Remember to answer the additional question for this class on Part B of the data tag

B182-908 Challenging Exhibit Print (SF89) Entry will consist of a print that illustrates **any other special effect technique not listed in B182-50 to B182-56 above**.