



# 4-H Photography

## North Dakota 4-H Project Sheet



**The 4-H photography project is designed to help you explore the world of photography. From learning about camera equipment to capturing great images and sharing what you have learned with others, you are bound to love photography!**

- Discover how to take fascinating photographs.
- Learn about photography as an art, a science and a communication tool.
- Observe and enjoy your surroundings in a photographic world.
- Explore photography as a hobby or profession.

## Here's what you can do all year!

Starting Out Basic/Level 1	Learning More Intermediate/Level 2	Expanding Horizons Advanced/Level 3
<ul style="list-style-type: none"> <li>• Get to know your camera.</li> <li>• Use tripods and bracing to steady and level your camera.</li> <li>• Try various lighting techniques.</li> <li>• Use flash for fill and solving red-eye.</li> <li>• Study photo composition.</li> <li>• Use different viewpoints.</li> <li>• Take photos of places, people and pets.</li> <li>• Tell a story with photos.</li> <li>• Learn to evaluate photos.</li> </ul>	<ul style="list-style-type: none"> <li>• Use shutter speeds and f-stops (aperture).</li> <li>• Adjust the depth of field.</li> <li>• Capture hard and soft light to create moods.</li> <li>• Manipulate light using flash techniques.</li> <li>• Evaluate composition using the Rule of Thirds, the Golden Triangle and the Golden Rectangle.</li> <li>• Use photos to tell a story.</li> <li>• Take candid photos to capture a moment in time.</li> </ul>	<ul style="list-style-type: none"> <li>• Use wide-angle and telephoto lenses.</li> <li>• Use filters and special film.</li> <li>• Use light meter readings.</li> <li>• Practice with light sources.</li> <li>• Use viewpoints, framing and lines to lead the eye.</li> <li>• Use symmetry, shape, pattern and texture to capture creative photos.</li> <li>• Use specialized equipment and advanced techniques.</li> </ul>

### Pass it on!

**Now that you know how, share it with others. Here are ideas to get you started.**

### Communication

- Tell your friends about the different types of cameras.
- Interview a professional photographer.
- Demonstrate how to present your photos properly.

### Citizenship

- Photograph your club activities and make an album to share.
- Volunteer to take photos for a community event.
- Help archive historical photos.

### Leadership

- Show your friends how to create trick photography.
- Arrange for a guest photographer to present to your club.
- Organize a photo shoot for a local organization or your school.

### Entrepreneurship

- Job shadow a photographer in your community.
- Get real-life experience by taking photos at your local achievement days/fair or other community events and providing digital copies to the participants and organizations.

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## Communications and Creative Arts

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### Here are other opportunities to explore photography:

- Check out books at the library or visit online sources to learn more about technique, composition, copyright and privacy laws, and the history and future of photography.
- Create a portfolio of your best photographs. *(Take note of what other professionals have done.)*
- Enter the 4-H photo exhibition program contest at the North Dakota State Fair *(see State Fair book for more information)*.
- Enter a photography contest or exhibit at an open-class exhibition.
- Share a video story of your 4-H club's service learning project on the [Revolution of Responsibility website](#).
- Consider taking an exhibit or a piece of your project learning to your local fair for judging and to show what you have learned throughout the year. It might get selected to go to the North Dakota State Fair.
- Enter a video in the [North Dakota 4-H Film Festival](#).
- Attend the [Extension Youth Conference](#) and participate in workshops, motivational speakers and a community service project, bringing ideas back to your community.



### Exhibit Ideas

- Select, mount and matte a photograph.
- Photograph various subject matter:
  - ◆ Portrait
  - ◆ Self-portrait
  - ◆ Pets/wildlife
  - ◆ Landscape
  - ◆ Panorama
  - ◆ Buildings/structures
  - ◆ Nighttime
  - ◆ Reflective
  - ◆ Action/sports
  - ◆ Still life
- Experiment with color variation:
  - ◆ Black/white
  - ◆ Sepia
  - ◆ Bright color
- Use a computer to render photos:
  - ◆ Color enhancements
  - ◆ Spot color
  - ◆ Filters
  - ◆ Distortion
  - ◆ Type treatment
  - ◆ Create a photo series
  - ◆ Present a poster about matting and framing
- Demonstrate enlargement and cropping.
- Prepare a display about flash techniques.
- Compare types of cameras.
- Create a PowerPoint of event photos or a series of photos.

### 4-H Resources

- [National 4-H Photography Curriculum](#)
- \* [Level 1: Focus on Photography \(BCD181\)](#)
- \* [Level 2: Controlling the Image \(BCD182\)](#)
- \* [Level 3: Mastering Photography \(BCD183\)](#)

### Other Resources

- [4-H Photography Project](#)
- [Kodak](#)
- [Focus on Photography](#)
- Kodak Pocket Guide to Digital Photography (available from your favorite bookseller)

### Recordkeeping

- [Planning for My Project Adventure \(PA093\)](#)
- [ND 4-H Project Plan \(PA095\)](#)
- [ND 4-H Plan of Action \(PA096\)](#)
- [ND 4-H Participation Summary for 11- to 19-year-olds \(PA098\)](#)

### Contest

- [North Dakota 4-H Film Festival](#)

Learn more at [www.ndsu.edu/4h/](http://www.ndsu.edu/4h/) or contact your county NDSU Extension office.