



# Marine Photography

## PROJECT PLANNING GUIDE

### OBJECTIVES OF THE 4-H MARINE PHOTOGRAPHY PROJECT

1. To learn more about photography.
2. To learn about marine life by photographing plants and animals in their natural habitats.
3. To conserve marine life by collecting photographs rather than specimens.
4. To record through photography our human ties with the coast and the effect man plays on the marine environment.

### EXTENSION RESOURCE MATERIALS

Marine Photography, 4H M-1-105

4-H Photography Project Manuals:

Unit I "Adventures With Your Camera" C-2-1P

Unit II "Challenges in Picture Taking" C-2-3P

Unit III "Exploring Photography" C-2-5P

Unit IV "Mastering Photography" C-2-7P

Unit V "Exploring Movie Making" C-2-9P

LEVEL 1  
(9- to 11-year-olds)

Things to Learn	Things to Do
1. How to use marine related subjects for your pictures.	1. Take a minimum of 20 black and white or color prints including: a. three pictures of coastal birds. b. two pictures of plants and animals that live on rocky outcrops at the beach. c. five pictures of fish and fishing boats. d. five pictures of plants and animals you find in a marsh. e. two examples of pollution on the coast or inland river.
2. How much your project costs.	2. Keep a record of all costs for your project. List the cost of film, processing, gas, etc.
3. How to include other people in your project.	3. Put together a "Picture Scavenger Hunt."
4. How to properly store your pictures.	4. Collect your photographs in an album. Label each picture with the following facts: a. Where the picture was taken. b. Date. c. What or who is in the picture.
5. How to use your pictures to make a decoration.	5. Make a photo-mobile with your favorite prints. Thread fishing line through the prints and attach to pieces of coat hanger or wood. Hang it in your room.
6. How to display your pictures in an attractive manner.	6. Prepare a photo exhibit for display at a fair, window display, club meeting or achievement day. The 4-H photography manuals will show you how to make a great display!

LEVEL 2  
(12- to 14-year-olds)

Things to Learn	Things to Do
1. How to use marine related subjects for your photographs.	1. Submit a minimum of 25 black and white or color prints including: <ol style="list-style-type: none"><li>a. five pictures of people earning a living at the coast.</li><li>b. four pictures of a marsh or beach at different seasons of the year.</li><li>c. three photo stories (with reference to marine or aquatic subject matter) of at least three pictures each.</li><li>d. three pictures of a beach before and after a severe storm.</li><li>e. two action pictures.</li><li>f. two close-up pictures of marine plants or animals.</li></ol>
2. How much your project costs.	2. Keep a record of all costs (film, processing, albums, etc.).
3. How to properly store your negatives.	3. File your negatives in a cool, dry place. Give them code numbers to correspond to prints.
4. How to display your photographs in an attractive and informative manner.	4. Prepare a print display, or slide show for presentation at a fair, club meeting or other public function.
5. Practice demonstration method.	5. Demonstrate something you've learned in marine photography. Here are a few ideas: <ol style="list-style-type: none"><li>a. How to load a camera.</li><li>b. How to take close-up pictures of marine plants or animals.</li><li>c. How to make decorations for your home with photographs.</li></ol>
6. How to improve your photography.	6. Ask a local photographer to speak to your club and give you pointers in photography. Ask him to critique some of your photographs and suggest how to improve them.
7. How to use photographs for home decorations.	7. Have a favorite photograph blown up, frame it and hang it in your home.

LEVEL 3  
(15- to 19-year-olds)

Things to Learn	Things to Do
<p>1. How to use marine related subject matter for photographs.</p> <p>2. How to record project costs.</p> <p>3. How to effectively display or present your photographs and slides.</p>	<p>1. Submit a minimum of 30 pictures including:</p> <ul style="list-style-type: none"><li>a. a minimum of one marine related photo story of five or more pictures.</li><li>b. five close-up pictures made with a close-up lens of marine related plants and animals.</li><li>c. a comparison of the same marine aquatic subject matter photographed with three different filters.</li><li>d. two pictures of new industry developing along the coast.</li><li>e. two pictures of immature and mature life stages of three different coastal birds.</li><li>f. five pictures made with a flash.</li><li>g. five existing light pictures.</li></ul> <p>2. Record all costs such as film, processing, albums, etc.</p> <p>3. Refer to the 4-H photography manuals "Exploring Photography" and "Mastering Photography" for suggestions on slide presentations and photo exhibits.</p> <p>Present a slide presentation to your club concerning a marine topic. Accompany the slides with music that captures the mood of the slides.</p> <p>Present a slide presentation to younger 4-H'ers that covers:</p> <ul style="list-style-type: none"><li>a. methods of taking good pictures.</li><li>b. how you achieve special effect shots.</li><li>c. special places to visit on the coast to capture marine life on film.</li><li>d. conditions to look for on photo trips along the coast, such as weather, tides, etc.</li></ul>

## Things to Learn

4. To illustrate both sides of an issue with photography.

5. Underwater photography.

## Things to Do

4. Present a series of photographs that depict both sides of the story of man's relationship to the marine environment. Show:
  - a. harmful effects of man's presence, such as habitat destruction and pollution.
  - b. controversial effects, such as beach restoration projects and coastal development.
  - c. man's efforts to protect and preserve coastal nature and historical resources.

5. Take a course in underwater photography. Contact a community college, dive shop or scuba diving magazine for information.

Demonstrate how to use underwater photography equipment and the adaptive equipment suitable for land cameras.

Display your underwater photographs in an exhibit or in a slide presentation.

Make an underwater movie. Ask someone skilled in underwater photography to help you.

Objectives	Methods
1. To determine the needs of the community in the area of soil conservation.	1. Survey of the community.
2. To determine the needs of the community in the area of soil conservation.	2. Survey of the community.
3. To determine the needs of the community in the area of soil conservation.	3. Survey of the community.
4. To determine the needs of the community in the area of soil conservation.	4. Survey of the community.
5. To determine the needs of the community in the area of soil conservation.	5. Survey of the community.

Prepared by Jaynee Medicott, Extension 4-H Staff Associate

Published by THE NORTH CAROLINA AGRICULTURAL EXTENSION SERVICE

North Carolina State University at Raleigh, North Carolina Agricultural and Technical State University at Greensboro, and the U. S. Department of Agriculture, Cooperating. State University Station, Raleigh, N. C., Chester D. Black, Director. Distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. The North Carolina Agricultural Extension Service offers its programs to all eligible persons regardless of race, color, or national origin, and is an equal opportunity employer.