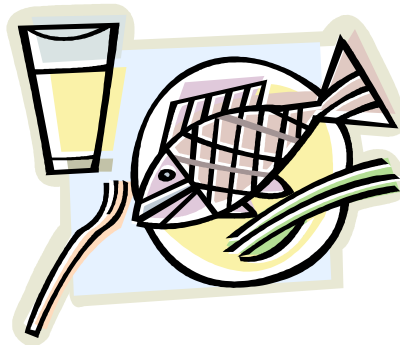


# Colusa County 4-H *Marine Biology & Oceanography* Proficiency Program



***LEVEL III – CONSUMER***

**NAME:** \_\_\_\_\_

**CLUB:** \_\_\_\_\_

**PROJECT:** \_\_\_\_\_

1. Design, construct, rig and use one item for this project, such as a seine net, plankton net, poke pole, crayfish pot, etc.

*What I did:* \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature*      \_\_\_\_\_ *date*

2. Explain how seafood gets from the sea to the dinner table. Explain the career options in the various marketing channels.

*From Sea to Table:*  
\_\_\_\_\_  
\_\_\_\_\_

*Career Options:*  
\_\_\_\_\_  
\_\_\_\_\_

3. Explain fishing license regulations.

\_\_\_\_\_  
\_\_\_\_\_

4. Describe two commercial uses of marine algae.

1. \_\_\_\_\_  
2. \_\_\_\_\_

5. Describe the quality characteristics you would look for when purchasing fresh and frozen seafood.

\_\_\_\_\_  
\_\_\_\_\_

6. Name and describe five marine careers and required qualifications

1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

7. Identify five potential ocean related summer jobs.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

8. Contact a local, state or national association related to your project and determine what this association has to offer its membership.

*What I did:* \_\_\_\_\_

\_\_\_\_\_  
*Project leader's signature*                      *date*

9. Invite a commercial fisherman or industry representative to discuss a local policy issue with your project group or club. Introduce the speaker to your group.

*What I did:* \_\_\_\_\_

\_\_\_\_\_  
*Project leader's signature*                      *date*

10. Give three examples of Native American historical use of marine resources and explain how they collected and prepared each item.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

11. Compare the food habits of two species of fish by analyzing their stomach contents.

1. \_\_\_\_\_
2. \_\_\_\_\_

12. Demonstrate how to preserve fish utilizing two different methods.

1. \_\_\_\_\_
2. \_\_\_\_\_

13. Diagram the major currents of the North Pacific Ocean.

\_\_\_\_\_  
*Project leader's signature*                      *date*

14. Record and analyze the distribution of one organism across the intertidal zone.

\_\_\_\_\_  
*Project leader's signature*                      *date*

15. Describe the lifecycle/history of one marine mammal.

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16. Keep a personal reference library of literature that will be helpful in your project.

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*Project leader's signature* *date*

17. Assist with a marine habitat improvement project.

*What I did:* \_\_\_\_\_

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*Project leader's signature* *date*

18. Prepare a marine educational display for a local or county event.

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*Project leader's signature* *date*

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### Congratulations!

You have completed Level III of the Marine Biology & Oceanography Proficiency Program.

Name \_\_\_\_\_ Age \_\_\_\_\_

Club \_\_\_\_\_

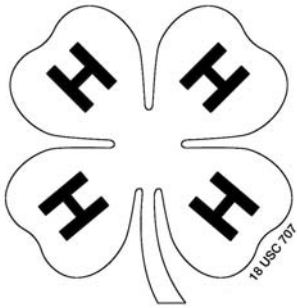
Project \_\_\_\_\_

Project Leader's \_\_\_\_\_  
Printed Name Signature

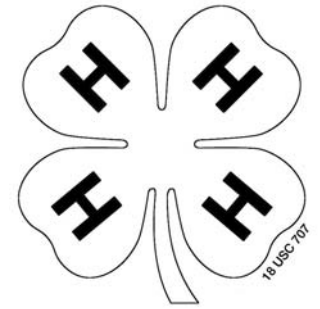
Date \_\_\_\_\_

County Coordinator's \_\_\_\_\_  
Printed Name Signature

Date \_\_\_\_\_



# Certificate of Achievement



This certifies that

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has completed Level III of the Marine Biology & Oceanography Proficiency Program in the Colusa County 4-H Youth Development Program.

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*Project Leader's Signature*

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*Date*

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*County Coordinator's Signature*

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*Date*

*∞ MAKING THE BEST BETTER!! ∞*