



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



## LEVEL I – EXPLORER

NAME:			
CLUB:			
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PROJECT:			

	blain seven beach safety tips and practice them at the beach.	
2.	ntify five species of marine mammals and describe where they can be found.	
	scribe the marine food web.	
٠.	ntify the parts of a wave and describe how waves affect sea life.	
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1.		

5.	Define the follo	•		
	phytoplankton zooplankton	-		
	estuary			
	wetlands			
	algae			
	crustacean	-		
	invertebrate	-		
	mammal			_
	mollusk			
	ecology			
	red tide			
	scavenger			
	herbarium			
6.	Explain the infl	uence of the moon an	nd the sun on tides.	
7.	1. 2. 3. 4.	ntify ten seashells and	7. 8. 9.	formed.
8.		ertidal animals and th		
	2.		2.	
	3.			
	J			
9.		gulations which prote estuaries, dunes and		als that live in the ocean, intertidal

10. Complete an art processing, fish print or	ject using some aspect of your project rubbing, etc.	such as shell collage, s	sand painting, beach
Project:			
	Project leader signature	date	_
	ne birds and describe the differences in		ings. Record when
<u>Bird</u> 1	sighted. Share this information with  Bills	<u>Feet</u>	Wings
3.			
5.			
7.			
	Project leader signature	date	_
1	f pollution in marine areas. Explain h		
2.			
4			
	and explain the differences between sa		wo different
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<u> </u>	owers found in sand dunes and five with was sighted. Share this information		
	Project leader signature		_

15. Identify the parts of the scales.	of a fish from a diagram or live e	example and explain the functions	of the fins and
	Project leader signature	date	
16. Define hypotherm	ia and demonstrate the H.E.L.P.	and Huddle positions.	
	Project leader signature	date	
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	You have complet	ed Level I of the	
	Marine Biology &	- Oceanography	
	Proficiency	Program.	
Name		Age	
Club			
Project			
Project Leader's			
Troject Leader s	Printed Name	Signature	
Date			
County Coordinate	or's Printed Name	Signature	
Date		2.5.144410	