

Under the Sea - Ocean Adventure

3rd Grade

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Introduction

Did you know that of all the plants and animals that exist, at least 85% of them live in the oceans and seas!! It is also true that more people have explored outer space than have ever visited or explored the deepest sections of the oceans. That is why you and 3 team members are going to explore the ocean in a submarine and report back to the rest of the class all the amazing ocean life you discover. Let's DIVE in!

The Task

Over the next week you and your team will explore the distinct features of the ocean and all the amazing creatures that live there. On your mission you will discover a NEW sea animal and bring back pictures, information about where in the ocean it lives, what it eats and any other interesting facts. You will use the videos, books and websites I have provided to help you learn more information about the ocean. **Pay close attention to the 5 different oceans, plant life, geography, interesting facts about the ocean and the creatures that inhabit the different parts of the ocean.** You will need all of this information for your report.

There are websites, books and videos provided to help you with your journey. BE CAREFUL! You may have to dodge sharks and underwater volcanoes! I know your team will do great and I can't wait to see what you discover.

The Process

To begin your adventure you must assign roles to each member of the team. The four Roles and their duties are as follows:

Captain - The captain will be in charge of ensuring that every student is on task, that the team is completing their daily missions and will be in charge of handing in the final report.

Explorer - Navigates through the websites, gathers materials needed for the report and finds any other information that helps with the report.

Recorder - records information down for report, in charge of capturing (creating) picture or pictures of creature.

Spokesperson - Will report back to the class about their adventure and will be in charge of letting myself or other classmates know if they need help with anything.

Day 1

Take the pre-quiz to determine how much you know about the ocean. Discuss each question together as a team. You must pass the quiz before taking the dive into the ocean. Good Luck! [Take your quiz here.](#)

(http://www.bbc.co.uk/cgiper1/quiz.pl?QUIZDATA=bp_question1.dat&WEBSITE=nature)

How did you do on the quiz? The ocean is a big place with so many interesting things to learn. Your mission will be broken up into 3 main parts. Each part takes about 30 - 40 minutes so watch your time carefully.

You have 3 days to finish your Webquest and an extra day to get your report together and finalized. Friday your report will be presented to the class and handed in.

Part 1 Research

Look at the following links to help you with your report about your creature. Your newly discovered creature can either be real or created by your team, but it's habitat must be real facts from the ocean. In your report you must answer the following questions:

- * What ocean does your creature live in?
- * What is the geography like for that ocean. Is it hot or cold?
- * What other creatures live in this ocean?
- * What does the ocean creature you discovered eat to survive in the ocean?
- * Does your ocean creature have any predators?
- * What are some interesting facts you have come across about the ocean?
(At least 5)



<http://school.discoveryeducation.com/schooladventures/planetoocean/>



<http://marinebio.org/MarineBio/Facts/>



<http://www.calstatela.edu/faculty/eviau/edit557/oceans/linda/loceans.htm>



<http://ocean.si.edu/ocean-stories/>

Task 2

Record in your science notebooks any new information you learned about the ocean and write 3 questions you still would like to have answered. Also in your notebook, jot down some ideas for your report.

Day 2

Task 1

Discovering your creature

Today you will discover your new creature. Watch some of the videos and links below about some interesting creatures that live in the ocean to give you ideas. Remember to be thinking about the habitat of your creature. (does it live in the coral reef? The deep, dark sections of the ocean? Is it a mammal?) Research some amazing creatures. Task 1 is for getting ideas and learning about some animals of the deep. This should take about 35 minutes. The recorder of the group needs to be taking notes and writing down ideas as the group discusses them.

<http://www.msnbc.msn.com/id/9503272/>

http://news.mongabay.com/2009/1123-hance_abyss.html

<http://animal.discovery.com/videos/underwater-animals/>



Day 3

Task 1 Report

Today will be used for finalizing your report. You should have an idea of what your creature is going to look like. Choose someone on the team or work collaboratively to draw and color your creature as it would look in the ocean. Use the large poster paper in the back of the room.

The report will be written on notebook paper. It should answer all the questions below. Feel free to add any information about your creature the class may want to know. The report will be attached to the front of your poster so everyone can learn about your creature. So, remember to make your report look as professional as possible. You will be given 45 minutes for this task. Feel free to revisit some of the websites if you need more information but, watch your time closely!

Questions for the report

- * What ocean does your creature live in?
- * What is the geography like for that ocean. Is it hot or cold?

- * What other creatures live in this ocean?
- * What does the ocean creature you discovered eat to survive in the ocean?
- * Does your ocean creature have any predators?
- * What are some interesting facts you have come across about the ocean?
(At least 5)

Conclusion

Rubrics for both your project/report and your participation with your group have been provided. Please look over them carefully. You will be completing an evaluation of each one of your group members and giving points based on their participation within your group.

What a great adventure we had! I hoped you enjoyed your trip under sea and will continue to explore the world around you!

