

**Syracuse City School Library System
Collaborative Lesson Plan Integrating
NOVEL & SCSD Online Databases**

School: McKinley-Brighton

LMS: Bonnie French

Teacher: Catherine Miller-Hayes

Curricular Area: Science

Grade Level: 3

Lesson Duration: (time, periods or days) 2 – 40 min. periods a week until completed (a few months)

Lesson Name: The Ocean

Goals and Objectives for the Lesson:

To define the characteristics of oceans

To describe the animals and plants that live in the ocean

To describe the life cycle of an ocean animal

To describe the dangers of the ocean

To identify the ways in which the ocean benefits the economy

Online Database Subscription Used

- EBSCO Searchasaurus
- EBSCO TOPIC Search
- EBSCO Master FILE Select
- Junior Edition K-12
- Custom Newspapers
- New York State Newspapers
- National Newspaper Index 1977-2003
- Twayne's Author Series
- Health Reference Center Academic
- Health and Wellness Resource Center
- Gale Virtual Reference Library
- Business & Co. Resource Center
- Informe (Revistas en Espanol)
- General Science Collection
- Kids InfoBits
- Student Resource Center Junior
- Student Resource Center Bronze
- Opposing Viewpoints
- World Book Encyclopedia
- New Book of Knowledge
- Grolier Multimedia Encyclopedia
- Encyclopedia Americana
- America the Beautiful
- Lands and People
- New Book of Popular Science
- Newsbank Syracuse Newspapers
- ProQuest Education Periodicals

<u>Lesson Activity (Detailed Explanation):</u>	<u>Responsibility</u> (L)MS (T)eacher (S)tudent	<u>Needs:</u> Materials Equipment Resources	<u>Student Product and Student Assessment</u>	<u>Standard</u> NYS Learning- NY AASL Literacy-L NETS Tech.-T (write # from list)
The first period the teacher & LMS will teach together so students can see we are working as a team. Introduce the unit with library books and a portion of a video. Show parts of the video throughout the unit.	L, T, S	Nonfiction books about the ocean, video. Location: Library	Discussion	MST 4 ELA 1,2
Make list of animals of the ocean.	T	Harcourt science		

		textbook, online databases, nonfiction books		
Create graphic organizer for research project.	LMS	Online database, nonfiction books		
Meet in library. Explain animal research project. Explain that each pair of students will use the internet, print encyclopedias, and books to research animals. They will also compare one animal to another. Demonstrate how to use online databases. Students pair up and choose animal from the list.	L, T, S	Computer, projection system	Discussion	ELA 1, IL1
One day each week the LMS will take a group of students to the library for research. The science teacher will teach the ocean – geography, physical science, plants, etc. – in the science classroom with the rest of the class.	L, T, S	Varies	Written work, Discussions	ELA 1, 2, 3, 4 IL 1, 2, 9
The 2nd day each week we will team teach in the computer lab using online databases and preselected websites on www.portaportal.com. They will take notes on graphic organizer. Later they will use Appleworks for word processing.	L, T, S	Computers, online databases, appleworks, website, graphic organizer	Were students able to locate information and take notes?	MST 4, 5 ELA 1,2,3,4 IL 1,2,9
Students will use their notes to write reports	L, T, S	Notes, paper	Written report	ELA 3,4; IL 3,8
Students will locate pictures of their animals on the computer. Print one copy. Take with them to Art class. The Art teacher will have them create a model or picture of the animal to present at final activity.	L, Art teacher	Computer, Art supplies in art class	Printed picture, model or drawn picture	IL 1
Final activity: Turn the storytelling room into an ocean. Use black lights. Display art projects plus any work completed in science class. Students will be stationed around the library and will read their reports to groups who come for the tour. Science teacher – Ahead of time have smaller children make headbands which display a picture of an ocean animal. These students will wear their headbands while touring the “ocean.”	L, T, S, Other classes	Student art work and reports	Student presentations	ELA 2,4

Evaluation	T, S	Test	test	
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