



Sizing the Seas Ages 4 and 5 Teacher Packet

Contents:

1. Resources
 - Suggested Reading List
 - Teacher Resources
 - Internet Resources
2. Pre-Visit Activity
 - Nature Notes
3. Post-Visit Activity
 - Colorful Books
4. Related Activity
 - Fishing for Colors



Suggested Reading List

Antarctica by Helen Cowcher
Baby Whales Drink Milk by Barbara Juster Esbensen
A House for Hermit Crabs by Eric Carle
Counting Penguins by Betsey Chessen and Pamela Chanko
Little Penguin by Patrick Benson
Moving Day by Robert Kalan
Octopus' Den by Deirdre Langeland
Sea Creatures by Pamela Chanko
Swimmy by Leo Lionni
Winter Whale by Joanne Ryder

Teacher's Resources

A Reef Comes to Life by N. Segaloff and P. Erickson (Franklin Wiatts, 1991).
Coral Reef by Barbara Taylor (Dorling Kingdersley, Inc., 1992).
Do Whales Ever (Down East Books, 1997).
Looking at Penguins (Holiday House, 1993).
Ranger Rick's Nature Scope: Diving into the Ocean Vol. 4 No. 2 edited by Judy Braus (National Wildlife Federation, 1989).
Save Our Wildlife - Whales (Longman Group USA Inc., 1987).
Sea Animals by Diane Williams (Teacher Created Materials, Inc., 1993).
The Ocean Book by The Center for Marine Conservation (John Wiley & Son, Inc., 1989).
Usborne Book of Ocean Facts (Usborne Publishing, 1990).

Internet Resources

www.exzooberance.com
www.fisheyeview.com
www.oceanicresearch.org
www.whaletimes.org
www.epa.gov
www.animal.discovery.com
www.mbayaq.org
www.seaworld.org
www.childfun.com



Nature Notes Pre-Visit Activity

OBJECTIVES:

- TSW utilize their senses to learn more about their environment.
- TSW will observe and identify common objects found on a nature walk.

MATERIALS:

- Paper (may be in leaf shape)
- Crayons
- Small natural objects (leaf, acorn, soil, rock, etc.)
- Paper bag.

PROCEDURES:

Anticipatory Set:

Place natural objects in a paper bag. Ask the students to use their sense of touch to figure out what is in the bag. Describe what it feels like.

Development of Lesson:

1. Enjoy the outdoors by taking a nature walk. Choose a quiet location close to the school where the students will not be interrupted. Encourage the students to use all of their senses. With your eyes closed, what do you hear? What do you smell? Open your eyes, what do you see? What colors do you see? Do you taste anything in the air? What can you feel?
2. Remind the children it is important to leave nature the way that you found it. Using crayons and paper, have each child can make a nature rubbing of a leaf or tree bark.
3. Take notes of the children's observations. Take at least one quote from each student.
4. Copy your notes onto each child's nature rubbings.

SUMMARY:

Read each of the children's quotes to the class. Make a keepsake book with the children's quotes, or display them on a bulletin board.

EXTENSIONS:

- Plant a tree at your school.
- Make bird feeders to hang around your school or for your students' homes.
- Make trail-mix for an outdoor picnic with cereal, raisins, chocolate chips, and dried fruit.



Colorful Books

Post-Visit Activity

OBJECTIVES:

- The students will provide lines for a colorful animal book or story bulletin board
- The students will use animal pictures from magazines and crayons to create the pages of a book or story bulletin board

MATERIALS:

- Old animal or nature magazines
- White paper
- Markers (for teachers to use)
- Glue

PROCEDURES:

Anticipatory Set:

Read an animal story. See suggested reading list.

Development of Lesson:

1. Have students find or color pictures of animals.
2. Past pictures onto white paper
3. Ask the students to tell you what their page says. Write their responses on the bottom of their page

SUMMARY:

Create a book or story bulletin board out of the pages that the students created.



Fishing for Colors Related Activity

OBJECTIVES:

- The students will use motor skills to pick up fish
- The students will be able to name at least 3 colors

MATERIALS:

- Construction paper in a variety of colors.
- Metal paperclips
- A two to three foot dowel rod
- Two to three feet of string
- Pre-cut paper fish in a variety of colors
- Small magnet
- A Color of His Own by Leo Lionni
- Rainbow Fish by Marcus Pfister

PROCEDURES:

Prior to the Lesson:

- Trace a fish pattern onto construction paper. Fish can be one size or a variety of sizes. Be sure to include several colors. Cut the fish out with scissors. Attach a metal paper clip to the mouth of each fish.
- Create a fishing pole using a dowel rod and string. Tie the string to the tip of the dowel rod. On the other end of the string, attach a small magnet.
- Create a fishing pond with all of the colored fish.

Anticipatory Set:

Begin by reading A Color of His Own by Leo Lionni. Have the students name the colors that they see.

Development of Lesson:

Take the students to the fishing pond. Tell them that today they will be going fishing for some very colorful fish. Using the fishing pole, have the children take turns fishing. Ask the students to fish for one color at a time or sort the fish that they catch by color.

SUMMARY:

Read Rainbow Fish by Marcus Pfister. Have the students name the colors that they see.

EXTENSIONS:

- Cut out different animal shapes for a different fishing game.
- Add numbers or shapes to the fish.

