



Education Dept.
Georgia Aquarium
225 Baker Street NW
Atlanta, GA 30313
404.581.4198

Aqua Tales

Teacher Guide

Pre-K

Program Description: Join Deepo, the aquarium's mascot, on a wonderful storybook adventure! Students will learn how animals move and survive in their homes. Throughout the interactive program, students will discover the unique characteristics of our Aquarium friends!

Enduring Understandings for Aqua Tales:

- ◆ Animals have different shapes, colors and sizes that help them live in their unique habitats.
- ◆ Through observations we can learn about aquatic animals, their habitats, and their unique movements.

Objectives:

Students will:

- ◆ Identify similarities and differences in animals to group living things.
- ◆ Learn that the movement of animals is important to their survival.

Georgia Performance Indicators Addressed:

Language & Literacy Development

LD 1: Children will develop skills in listening for the purpose of comprehension

- a. Listens to and follows spoken directions
- b. Responds to questions
- d. Listens to stories read aloud and shows understanding through body language or by interacting appropriately
- f. Makes predictions from pictures and titles.

LD 4: Children will develop and expand expressive language skills (speaking)

- b. Engages in conversations with adults and children
- d. Uses language to pretend or create

LD 5: Children will begin to develop age-appropriate strategies that will assist in reading

- b. Discusses books or stories read aloud

Mathematical Development

MD 1: Children will begin to develop understanding of numbers

- b. Counts objects using one-to-one correspondence
- c. Compares sets of objects using language
- f. Associates numeral name with set of objects

MD 2: Children will create and duplicate simple patterns

- a. Copies a pattern using sounds or physical movements

MD 4: Children will develop a sense of space and an understanding of basic geometric shapes.

- c. Uses language to indicate where things are in space: positions, directions, distances, order

Scientific Development

SD 1: Children will use processes of science to actively explore and increase understanding of the environment

- b. Uses senses to observe, classify, and learn about objects
- c. Uses language to describe observation

SD 2: Children will acquire scientific knowledge related to life science

- a. Observes, explores, and describes a wide variety of animals and plants

SD 3: Children will acquire scientific knowledge related to physical science

- b. Describes objects by their physical properties
- d. Investigates different types/speeds of motion

Pre-visit activities:

1. Aquarium Animal Flash Cards
2. Deepo Garibaldi Fish Name Tags

Post-visit activities:

1. Deepo Placemat
2. Read an aquatic story and discuss with class. Our recommendations:
 - ✓ My Visit to the Aquarium: Aliko ISBN #0064461866
 - ✓ Baby Beluga: Raffi Cavoukian ISBN #0517583623
 - ✓ Five Little Sharks Swimming in the Sea: Steve Metzger ISBN #0439737672
 - ✓ Don't Eat the Teacher!: Nick Ward ISBN #1407105981
 - ✓ Turtle Splash: Catheryn Falwell ISBN # 0061429279

Deepo Name Tags (Pre-visit activity)

Objective: Students will learn the difference between young and adult Garibaldi fish and will make name tags for their visit to the Georgia Aquarium.

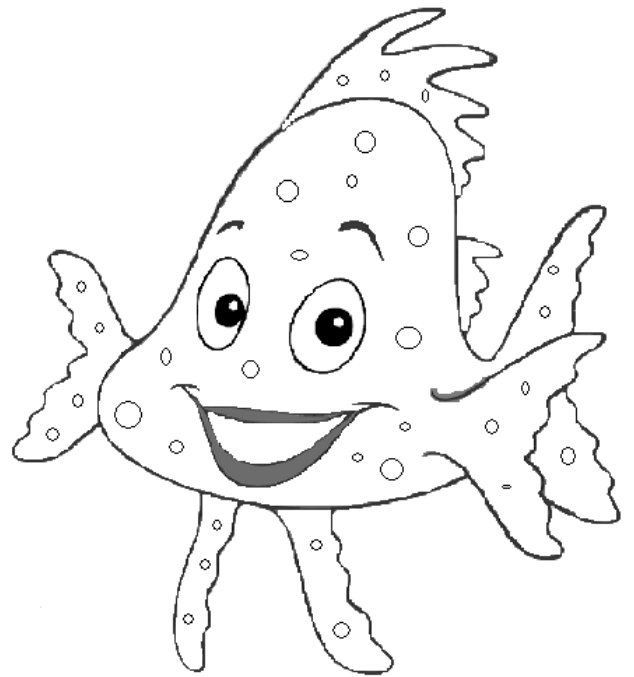
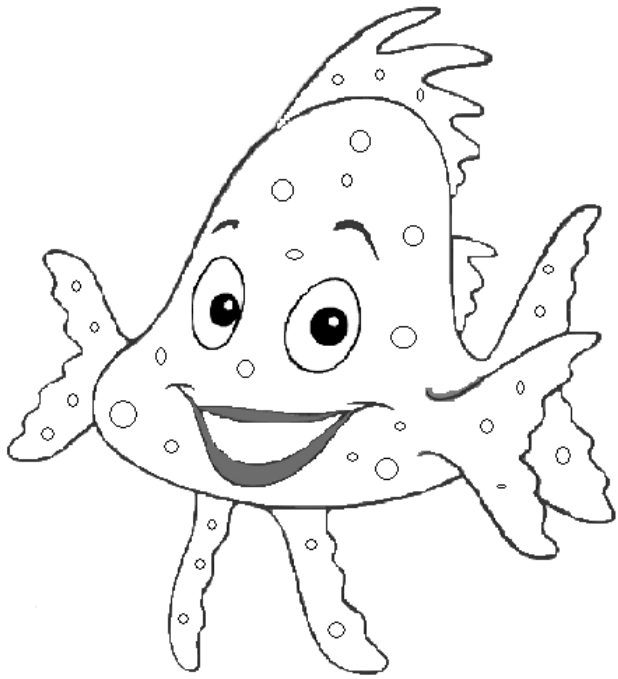
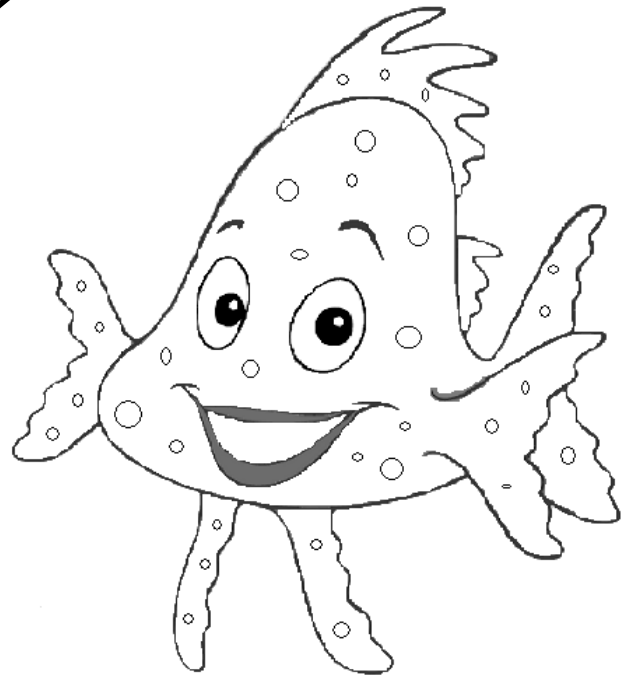
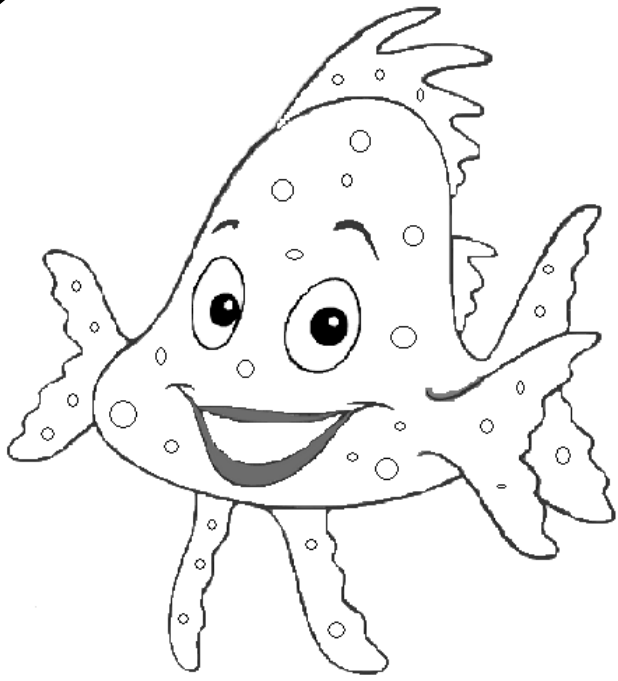
Duration: 15-20 minutes

Materials:

- ◆ Deepo name tag cut-outs (one for each child)
- ◆ Blue and orange crayons or markers
- ◆ Hole punch
- ◆ Yarn or string (cut into lengths for necklaces)
- ◆ Pictures of adult and juvenile Garibaldi damselfish
 - Adult:
<http://fishbase.org/photos/PicturesSummary.php?StartRow=0&ID=3648&what=species&TotRec=4>
 - Juvenile:
<http://fishbase.org/photos/PicturesSummary.php?StartRow=1&ID=3648&what=species&TotRec=4>

Procedure:

1. Ask the students if animals always look the same as their parents and give some examples (e.g. tadpoles become frogs and caterpillars become butterflies)
2. Show the group a picture of Deepo, the Georgia Aquarium's mascot. Deepo is an adult Garibaldi fish, but when he was young he looked very different.
3. Show the group Deepo's baby picture. Young Garibaldi fish are covered in blue spots!
4. Explain to the students that they are going to be a school of young Garibaldi fish for the day when they go to the aquarium to meet Deepo.
5. Pass out the name tags to the students and let them color in Deepo and his blue spots.
6. For sturdier name tags, you can laminate them, glue them onto posterboard, or print the tags out on cardstock.
7. Write the students' names on their tags, hole-punch each one and string it on a piece of yarn.
8. Have the students wear their name tags on the day of their field trip.



Aquarium Animal Flash Cards (Pre-visit activity)

Objective: Students will practice identifying aquatic animals they may encounter at the aquarium.

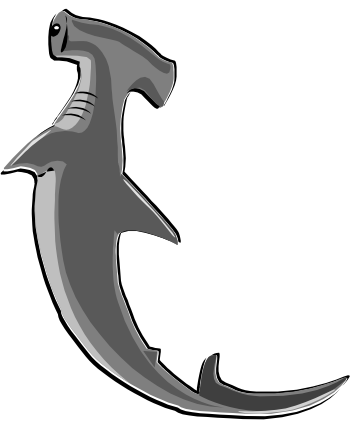
Duration: 15-20 minutes

Materials:

- ◆ Aquarium Animal Flash Cards (provided)

Procedure:

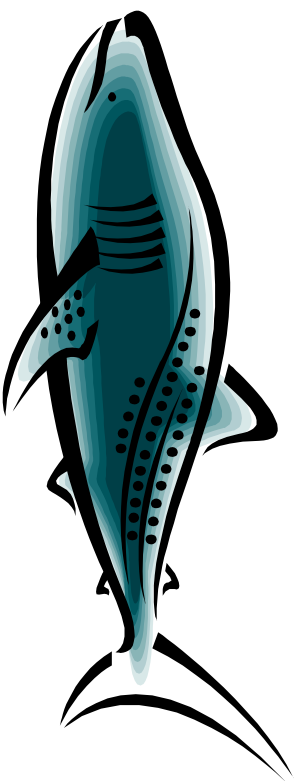
1. Hold up one flash card at a time and name the animal. Have the children repeat the name.
2. Alternate activity: Memory Game
 - ◆ Make a second copy of the cards and place them face down on a table.
 - ◆ Have a child flip up one card and then another card to see if they match; if they do, that child turns over a second pair of cards.
*If playing the game with more than one child, have them take turns turning over the cards.



**HAMMERHEAD
SHARK**



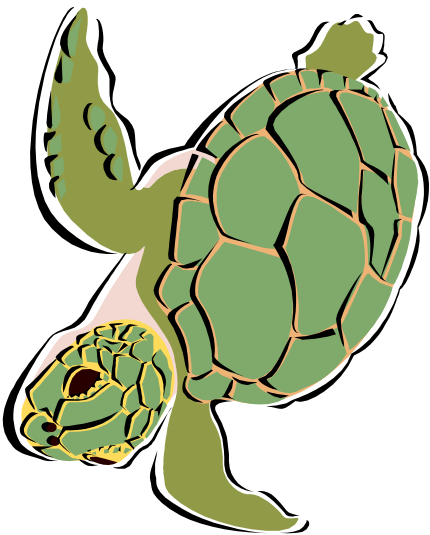
ALLIGATOR



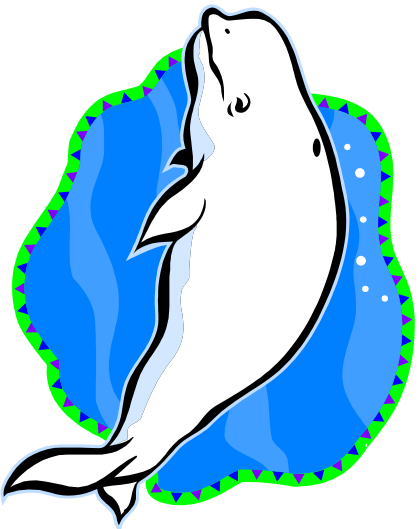
WHALE SHARK



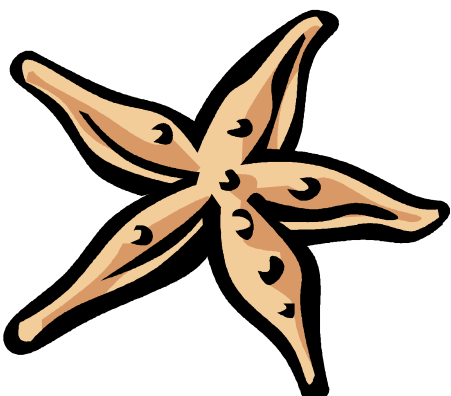
OCTOPUS



SEA TURTLE



BELUGA WHALE



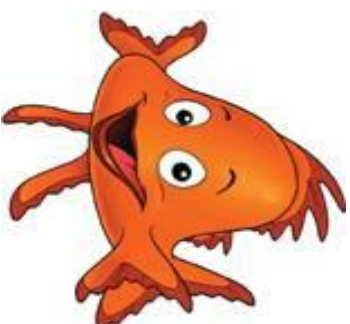
SEA STAR



JELLY



STINGRAY



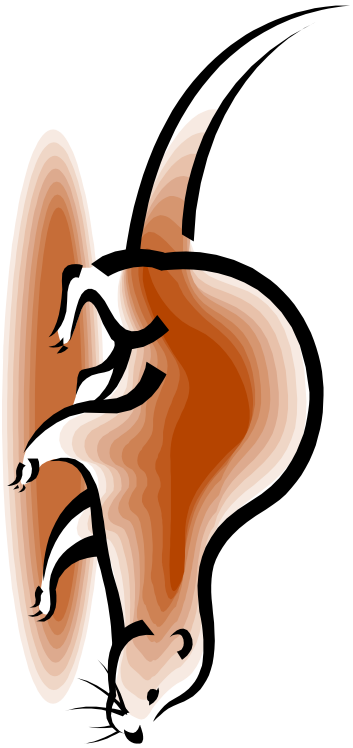
**GARIBALDI FISH
(DEEPO!)**



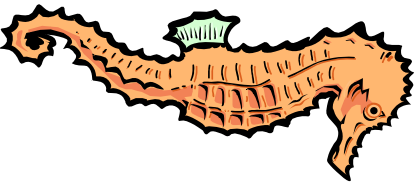
CLOWNFISH



FROG



OTTER



SEAHORSE

Deepo Placemats (Post-Visit Activity)

Objective: Students will review the highlights of their trip and make a memento featuring Deepo and their favorite animals.

Duration: 30 minutes

Materials:

- ◆ Deepo picture (below)
- ◆ Markers or Crayons
- ◆ Blue and white construction paper
- ◆ Green tissue paper
- ◆ Glue stick
- ◆ Contact Paper or Laminate

Instructions:

1. Make copies of Deepo.
2. Have the students color Deepo with markers or crayons.
3. Glue Deepo to the center of the blue construction paper.
4. Tear the tissue paper into strips and glue on the blue construction paper.
5. Ask your students what their favorite animal was that they saw at the aquarium. Why?
6. Have the students draw their favorite aquarium animal and its habitat on the white construction paper.
7. Glue the back of the blue paper to the back of the white paper.
8. Cover both sides of the construction paper with contact paper or laminate.
9. Discuss their favorite animals. Was the animal big or small? What color was it?
10. Ask the students how their animals move, and have them move like that animal.

