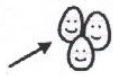




Whales

=



Are

they

a



fish



or

a



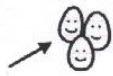
mammal





Whales

=



Are

they

a



fish



or

a



a

mammal





Whales



live



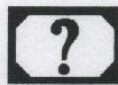
in



the



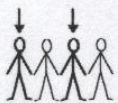
ocean



which



makes



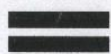
some people



think



they


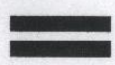




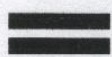
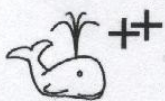
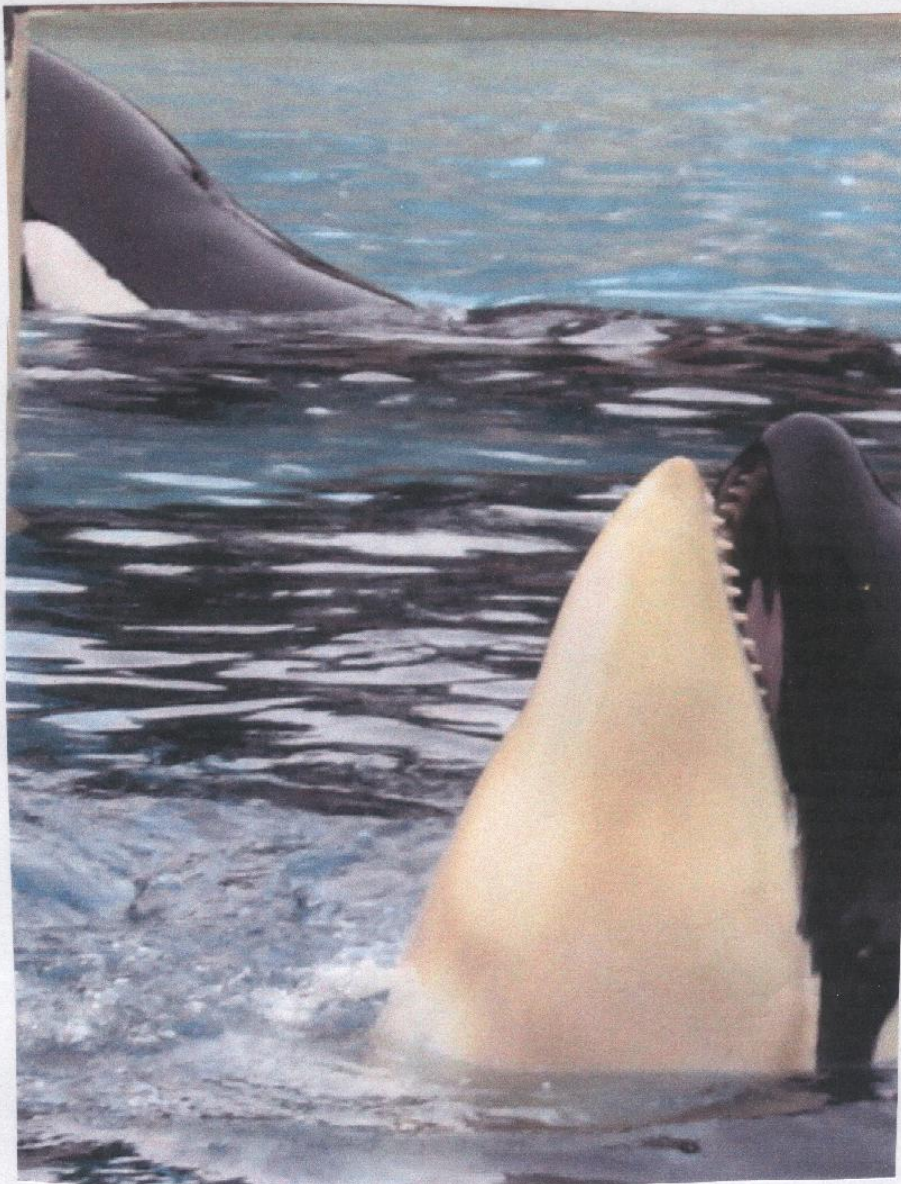
are



fish.



 ++    
Whales are mammals not fish.



Whales are warm - blooded and need air



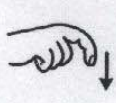
to



live.



Whales



need



air



to



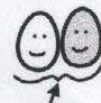
breathe



just



like










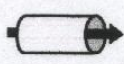

we

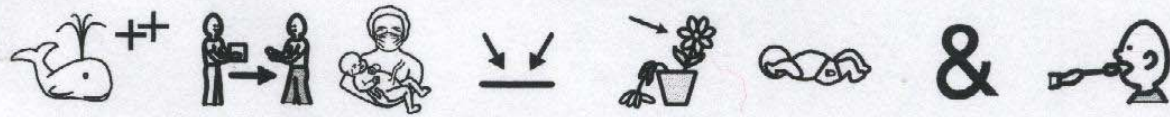


do!

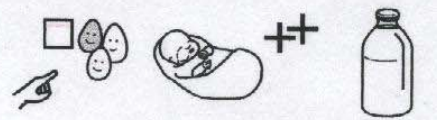


a       **&**
A whale swims to the water's surface and

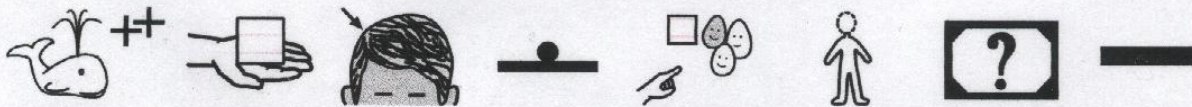
  **a**  **blowhole.**



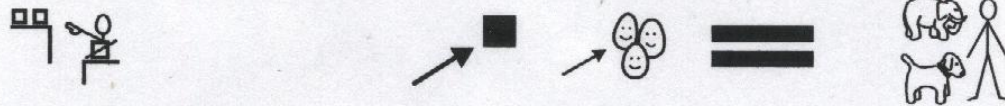
Whales give birth to live young and feed



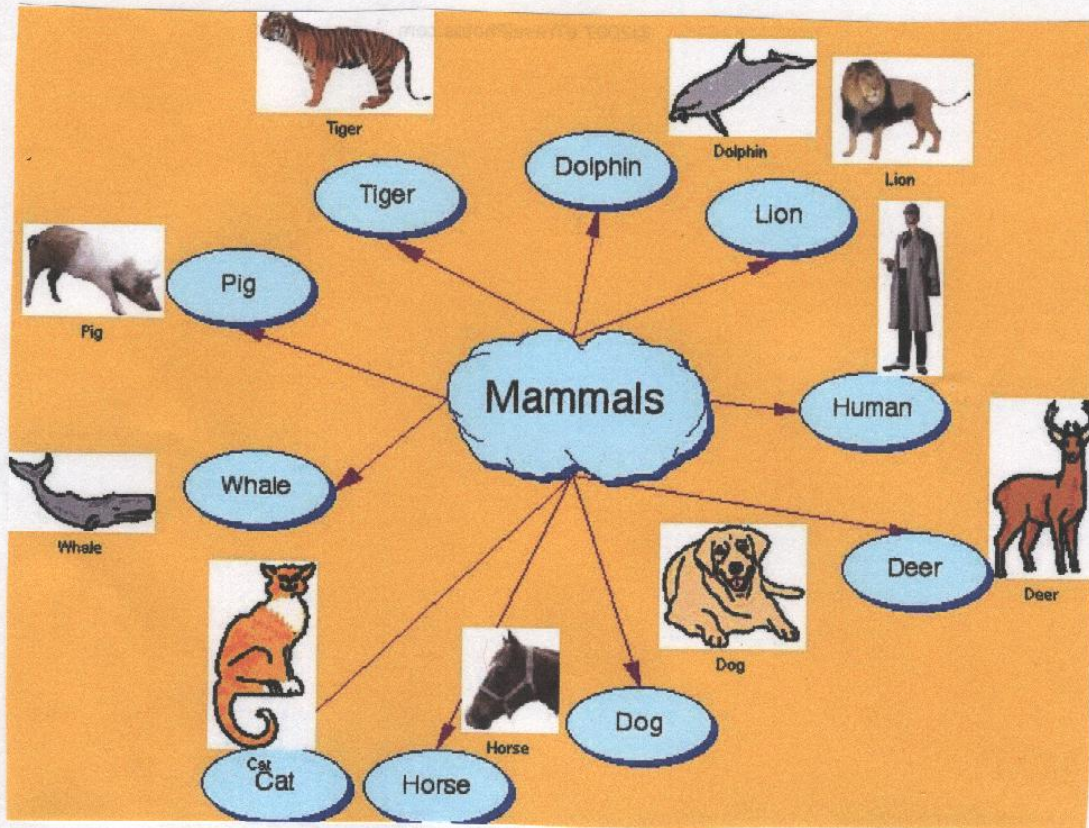
their babies milk.



Whales have hair on their bodies which is



another indication that they are mammals.



Now



you



know



that



whales



are



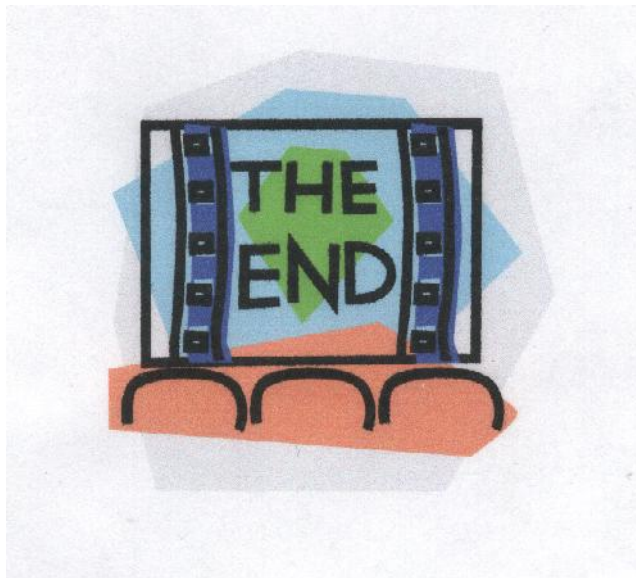
mammals



not



fish!



Life Science

LS3.1.2 Recognize that some organisms are better adapted for specific environments than other organisms.

2a. Match animals to their environment.

LS1.1.7 Classify organisms- Recognize one or more major group organisms from a selection of different organisms.

LS1.1.6 Associate the external features of animals with their functions.

A Science Investigation includes 4 components:

- Observing/questioning
- Planning
- Conducting
- Analyzing

Observing/Questioning

- Watch a video about mammals which include marine mammals.
- Have several books available for the students that are specific to whales.
- Create a prediction board that has a variety of classes displayed. (fish, reptiles, amphibians...)
- Discuss the two main shared characteristics of all mammals.
- Read the book *Animals Born Alive and Well* by Ruth Heller. Make predictions on why certain animals are considered mammals.
- Read the book *Possum Come a-Knockin* by Nancy Van Laan. Ask students if a possum would be a good pet. Get students talking about habitats and why certain animals need certain conditions to live.
- Ask the students to imagine a whale waking up and finding himself in the mountains.
-

Planning

- Teacher will draw a Venn diagram on the board and each student will have his/her own.
- Each student will need to place certain facts about a fish verses a whale in each circle.

- A conversation about the differences and similarities will commence.
- Based on their predictions, students will use the computer to investigate facts about fish and whales.
- Students will be shown many pictures of people, fish, whales, snakes, insects and other species and asked what species are considered mammals.

Conducting

- Take a field trip to the zoo to explore animals and their habitats.
- Watch a video about mammals and whales.
- Set up a section in the classroom that is used to explore the world of mammals and whales.
- Create a habitat for a fish. This can be used to see how a fish lives on a daily basis.
- Students will collect data on what they notice on a daily basis.

Analyzing

- Students will check on their original predictions about how fish live.
- All data will be collected and reviewed by the students.
- Students will make comparisons of each others data.
- Questions such as can we live like a fish will be asked of the students.
- Discussions will be used to further examine the differences between fish and whales.

Adaptations for students with significant challenges:

- Team students together in a co-operative way according to ability.
- Allow students a chance to touch various types of materials utilized at the science center.
 1. Fur
 2. Scales
 3. Water
 4. Eggs
 5. Dirt
 6. Sand

- Give all students an opportunity to understand what they need to live.
 1. Food
 2. Air
 3. Clothing
- Have them compare this to what a whale needs.
- Have picture cards available displaying these needs.



month / day / year

Name: _____

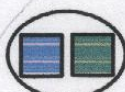
Date: _____



Whales



Fish



both



whales



and



fish



hair



brain



eggs



heart



breathe-air



warm-blooded



fins



live



in



water



do not



nurse



babies



nurse



babies



month / day / year

Name: _____

Date: _____

1

a



is

a

1.

A

whale

is

a



Fish



mammal



reptile

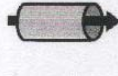
2



Whales



breathe



through



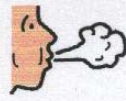
their



mouth



nose



blowhole



ears

2.

Whales

breathe

through

their

3 **3. Whales bodies have hair ?**

4 **4. Whales lay eggs ?**

5 **5. Baby whales drink milk?**

6 **6. Whales are cold blooded?**

Disclaimer

This Adapted Literature resource is available through the Sherlock Center Resource Library. The text and graphics are adapted from the original source. These resources are provided for teachers to help students with severe disabilities participate in the general curriculum. Please limit the use and distribution of these materials accordingly.

Paul V. Sherlock Center on Disabilities / RI College
600 Mt. Pleasant Avenue, Providence RI 02908
www.sherlockcenter.org