



#10008

KIDS DISCOVER DOLPHINS

BIG KIDS PRODUCTIONS, INC., 2001

Grade Level: 2-5

21 mins.

1 Instructional Graphic Enclosed

DESCRIPTION

Two young narrators talk about dolphins, those mammals of the sea. Addresses their physical characteristics and method of communication. Shows where they live, what they eat, and how they play. Notes that the pink dolphin is a rare fresh water dolphin. Reminds the viewer that keeping the environment clean and recycling trash are two methods of protecting this familiar animal.

ACADEMIC STANDARDS

Subject Area: Science—Life Sciences

- Standard: Understands the structure and function of cells and organisms
 - ◆ Benchmark: Knows that plants and animals progress through life cycles of birth, growth and development, reproduction, and death; the details of these life cycles are different for different organisms (See INSTRUCTIONAL GOALS 1.)
 - ◆ Benchmark: Knows that living organisms have distinct structures and body systems that serve specific functions in growth, survival, and reproduction (e.g., various body structures for walking, flying, or swimming) (See INSTRUCTIONAL GOALS 2, 3, and 4.)
 - ◆ Benchmark: Knows that the behavior of individual organisms is influenced by internal cues (e.g., hunger) and external cues (e.g., changes in the environment), and that humans and other organisms have senses that help them to detect these cues (See INSTRUCTIONAL GOALS 5.)
- Standard: Understands relationships among organisms and their physical environment
 - ◆ Benchmark: Knows that an organism's patterns of behavior are related to the nature of that organism's environment (e.g., kinds and numbers of other organisms present, availability of food and resources, physical characteristics of the environment) (See INSTRUCTIONAL GOALS 5 and 6.)
 - ◆ Benchmark: Knows that all organisms (including humans) cause changes in their environments, and these changes can be beneficial or detrimental (See INSTRUCTIONAL GOALS 6.)
- Standard: Understands biological evolution and the diversity of life
 - ◆ Benchmark: Knows different ways in which living things can be grouped (e.g., plants/animals, bones/no bones, insects/spiders, live on land/live in water) and purposes of different groupings (See INSTRUCTIONAL GOALS 4.)

INSTRUCTIONAL GOALS

1. To observe different kinds of salt water and fresh water dolphins.
2. To point out the difference between porpoises and dolphins.
3. To describe the physical characteristics of dolphins.
4. To review the characteristics of mammals.
5. To explain how dolphins move about and communicate.
6. To emphasize the importance of recycling and taking care of the environment.



VOCABULARY

- | | | |
|-------------------|-------------------|----------------|
| 1. blowhole | 7. flamingo | 13. nostrils |
| 2. calf | 8. flippers | 14. pods |
| 3. dorsal fin | 9. fluke | 15. porpoise |
| 4. echo | 10. fresh water | 16. salt water |
| 5. echolocation | 11. mammal | 17. whale |
| 6. elastic lenses | 12. maternity pod | |

BEFORE SHOWING

1. Discuss movies (i.e., *Flipper*) or TV programs that are based on dolphins.
2. Share past experiences at an adventure park or zoo that features dolphins.
3. Complete a true or false worksheet to see how much students know about dolphins. (See INSTRUCTIONAL GRAPHIC.)

DURING SHOWING

1. View the video more than once, with one showing uninterrupted.
2. Pause at the scene showing the dolphin's teeth. Point out the gap in the front. Discuss the possible reason for the gap.
3. Pause at the section showing the mother dolphins grouped together in a maternity pod. In what ways are maternity pods helpful?
4. Pause at the scene explaining an echo. Explain what sound waves are and how they help produce an echo.
5. Pause at the section explain what dolphins eat. Obtain cans of anchovies and herring and sample them.

AFTER SHOWING

Discussion Items and Questions

1. Describe some different kinds of dolphins. Discuss how dolphins and whales are related.
2. What is the difference between a porpoise and a dolphin?
3. How many teeth does a dolphin have? Compare this to the number of teeth humans have. What do the dolphins use their teeth for?
4. What color are the undersides of most dolphins?
5. What protects the dolphin's eyes from salt water?

C a p t i o n e d M e d i a P r o g r a m

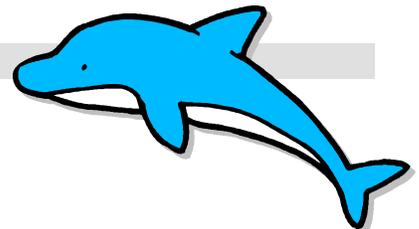
6. What is the skin of dolphins like?
7. What parts of the dolphin's body are like arms?
8. What is the dorsal fin used for?
9. Which part of the dolphin's body acts like nostrils?
10. Dolphins are mammals. In what ways are all mammals alike?
11. What are maternity pods?
12. Discuss the different sounds that dolphins make.
13. In what way is the dolphin's fluke like fingerprints?
14. How does a dolphin's tail move when it swims through the water?
15. What is the most famous fresh-water dolphin? Where does this dolphin live?
16. What causes the pink color of the pink dolphin to appear? What other animal may be pink for the same reason?
17. How many pounds of fish can a dolphin eat in one day? What different kinds of fish do they eat?
18. What playful skills do dolphins have?
19. What can humans do to make sure the dolphins are healthy and live in a safe place?

Applications and Activities

1. Make an ocean scene in a shoe box. Cut out pictures of dolphins, color them, and hang them in the box.
2. Make a clay model of a dolphin.
 - a. Use popcorn seeds to represent the eyes and teeth.
 - b. Cut out the fins and flipper from colored acetate sheets.
 - c. Poke holes to represent the ear and the blowhole.
3. Make a "Dolphin Facts" book.
 - a. Print pictures of various dolphins and color them.
 - b. Under each picture, write a sentence stating a fact learned in the video.
 - c. Bind the pages to make a booklet.
4. Make an origami dolphin.
5. Develop and solve math lessons to go along with the video.
 - a. A dolphin can eat up to 25 pounds of fish a day. How many pounds can three dolphins eat?
 - b. There were 26 dolphins in a pod. Three swam away. How many were left?
 - c. There were 32 dolphins in the water. They split up into four pods. How many were in each pod?
6. Practice various English skills to go along with the video. Examples include:
 - a. Write sentences showing the different meanings of the word "pod" (i.e., legumes, group of dolphins, section of a building, pouch).
 - b. Write a paragraph explaining why dolphins are more like mammals than fish.
 - c. Write a poem about a playful dolphin.
7. Design a brochure for an imaginary dolphin exhibit. Include pictures, attractions, and facts about dolphins.

CMP RELATED RESOURCES

- [Brazil: Breno and his Dolphin #8653](#)
- [Dolphins: A Cry for Help #2556](#)
- [The Living Seas #2570](#)



World Wide Web



The following Web sites complement the contents of this guide; they were selected by professionals who have experience in teaching deaf and hard of hearing students. Every effort was made to select accurate, educationally relevant, and "kid safe" sites. However, teachers should preview them before use. The U.S. Department of Education, the National Association of the Deaf, and the Captioned Media Program do not endorse the sites and are not responsible for their content.

- **DOLPHINS AT ENCHANTED LEARNING**

<http://www.enchantedlearning.com/themes/dolphins.shtml>

Contains a dolphin anatomy worksheet, dolphin quiz, connect the dots worksheet, printouts to color, and dolphin-related crafts. Also includes math activities and a dolphin information page.

- **ABCTEACH: DOLPHINS**

http://www.abcteach.com/directory/theme_units/animals/dolphins/

Includes a Venn diagram to compare a whale and dolphin, a drawing of a dolphin's basic anatomy, dolphin paper, dolphin "Did You Know" card, book report forms, and word search worksheet.

- **DOLPHINS: THE ORACLES OF THE SEA**

<http://library.thinkquest.org/17963/%3ftqskip=1?tqskip1=1>

Contains information about the history of dolphins, their anatomy, their behavior, and their relationship with humans.

WILD ANIMAL WATCH: DOLPHINS

<http://teacher.scholastic.com/dolphin/index.htm>

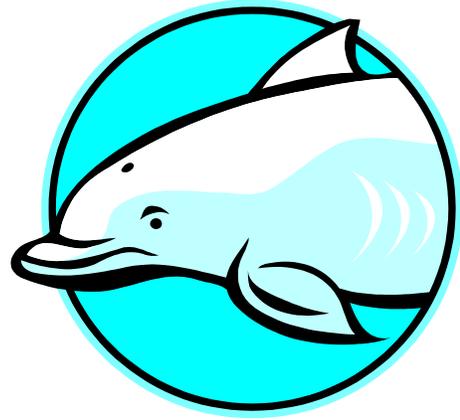
Includes a question/answer section, map activity, dolphin knowledge game, teachers' guide, and dolphin-related Web links.

INSTRUCTIONAL GRAPHIC

- HOW MUCH DO YOU KNOW ABOUT DOLPHINS?



How Much Do You Know About Dolphins?



Circle TRUE or FALSE:

- | | | |
|------|-------|---|
| TRUE | FALSE | 1. A dolphin is a fish. |
| TRUE | FALSE | 2. Dolphins chew with their teeth. |
| TRUE | FALSE | 3. Dolphins like to be petted. |
| TRUE | FALSE | 4. Dolphin babies come from eggs. |
| TRUE | FALSE | 5. Dolphins have hair. |
| TRUE | FALSE | 6. Dolphins “see” with their ears. |
| TRUE | FALSE | 7. Dolphins live only in seas. |
| TRUE | FALSE | 8. Pink dolphins are born with pink skin. |
| TRUE | FALSE | 9. Dolphins can dive really deep. |
| TRUE | FALSE | 10. Dolphins have lungs. |

Captioned Media Program