



# PENGUIN PRIDE

Observe penguin characteristics and solve a word puzzle



## GRADES 3 - 5

### MATERIALS

- clipboard

### KEY WORD

- endangered
- species

### STANDARD

- SCI.4.3.3

## OBJECTIVES

- Students will learn that species that are declining in numbers are classified as endangered or threatened according to their danger of extinction.
- Students will learn to classify the physical characteristics of an animal through observation.

## BACKGROUND INFORMATION

- African black-footed penguins are listed as endangered.
- The main threat to penguins of all species is over-fishing and pollution of oceans.
- Penguins have only a few natural predators, some of which are leopard seals and orcas.

## PROCEDURE

- Have students complete the worksheet by observing the physical characteristics of penguins and picking the correct description.
- Have students complete the word puzzle based on their answers.

## RECOMMENDED ASSESSMENT

- Check student's work for completion and accuracy.
- Have students compare their observations in small groups.

## ANSWER KEY

- "Vitamin Pills"



# PENGUIN PRIDE

Observe the penguins, mark the best answer to each question, and use the answers to solve the puzzle.



- |     |                  |   |  |
|-----|------------------|---|--|
| 1.  | beak             | __ [ V ]<br>pointed                     | Name _____<br>__ [ W ]<br>round          |
| 2.  | body covering    | __ [ A ]<br>fur                         | __ [ I ]<br>feathers                     |
| 3.  | feet             | __ [ T ]<br>webbed                      | __ [ F ]<br>not webbed                   |
| 4.  | tail             | __ [ A ]<br>short & fat                 | __ [ E ]<br>long & skinny                |
| 5.  | food             | __ [ R ]<br>seeds & fruit               | __ [ M ]<br>fish                         |
| 6.  | body shape       | __ [ I ]<br>round & fat                 | __ [ S ]<br>thin & bony                  |
| 7.  | walk             | __ [ F ]<br>quick & lively              | __ [ N ]<br>waddles                      |
| 8.  | classification   | __ [ I ]<br>mammal                      | __ [ P ]<br>bird                         |
| 9.  | wings            | __ [ I ]<br>flippers                    | __ [ S ]<br>flight feathers              |
| 10. | purpose of wings | __ [ L ]<br>swim                        | __ [ H ]<br>fly                          |
| 11. | coloration       | __ [ E ]<br>white -top<br>black - belly | __ [ L ]<br>black - top<br>white - belly |
| 12. | reproduction     | __ [ S ]<br>eggs                        | __ [ Y ]<br>live birth                   |

What do zoo keepers put inside the penguins' fish to keep them healthy? ( Copy and unscramble the letters beside each "X".)

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