



Sea and Land Animals

by Sarah Dawson

Overview

Use this book to help children identify some common characteristics of sea and land animals.

Literacy Focus *Word Count: 310 words*

High Frequency Words
animals, different, food, have, keep, lives, some

Content Words
sea, land, teeth, shark, lion, claws, lobster, bear, fur, sea otter, rabbit, crab, tortoise, spines, sea urchin, tiger, hedgehog, clown fish

Decoding Skills

- **Consonant Digraphs:** *initial th (the, their, that); medial th (weather); final th (teeth)*

- **Word Endings:** *-es for plurals (enemies, bodies)*

Print Conventions

- Using an index to locate information in a book

Comprehension/Thinking Skills

- Identifying main idea and supporting details
- Providing facts and details from a nonfiction selection
- Comparing and contrasting

Text Features

- Bold-faced type
- Index

Writing/Speaking and Listening

- Discussing similarities between animals
- Listening and responding to questions about animals

Observe/Assess

See Oral Reading Records in the Assessment Handbook.

Science Focus

Content and Thinking Skills

- Understanding that some animals live on the land and some live in the sea
- Identifying animal characteristics that help them meet their needs
- Understanding that animals that live in the sea and those that live on the land can have similar features

Background Information

An animal's physical features are a result of its adaptation to the environment. An animal's body is designed to help it meet its need to find food and seek protection from predators or from the environment it lives in. Even animals that live in very different habitats can have physical features that have a similar appearance and function.

Correlation to National Standards

Life Science

- Characteristics of Organisms

See Standards Chart on page 204.

Literacy Focus

Set the Scene

Make up a two-column chart, with one column headed *Sea Animals* and the other column headed *Land Animals*. Ask children to suggest animals and places where they live. Record these in the appropriate columns. For older children, you can add a third column, *Land and Sea Animals*.

Read and Discuss

Cover and Title Page

Show children the book. Have them read the title of the book and the name of the author. What do they think this book is about? Discuss the photographs on the cover.

Where do these animals live?

Pages 2-3

Read the text together. Ask the children to explain the author's message. What does she mean?

Pages 4-5

Have the children look at and compare the photographs.

What are these animals called?

Where do they live?

What is the same about them?

Read the text together.

Pages 6-15

Continue to read the text, focusing on content vocabulary when necessary and discussing animals that may be unfamiliar to children.

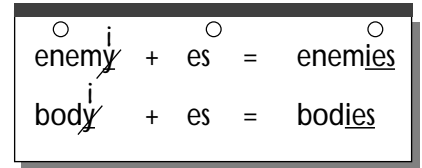
Page 16

Discuss the purpose of an index and demonstrate how it is used. Have children choose an entry to look up in the text.

Respond

- Ask children to restate the main idea of the book and recall examples of how land and sea animals are similar.

- Locate the plurals within the text, pointing out the rule of adding *-es* to words ending in *y*: change the *y* to *i* and add *-es*.



Using an Index

Activity Master, page 136

Read the instructions on the Activity Master, page 136, with the children. Show them how to use the index to locate the appropriate page in the book where the information can be found.



Meeting

Individual Needs

For specific teaching strategies for meeting individual needs, see pages 198–203.

Science Focus

Science Concept

There are similarities between the animals that live on land and those that live in water.

Activities

Animal groups

Prepare large sheets of paper with the following headings: *Sharp Teeth*; *Hard Shells*; *Claws*; *Sharp Spines*; *Stripes*. Under each heading have children list animals with that characteristic. Encourage children to name animals not included in *Sea and Land Animals*.

Animal Match Game

Paste pictures of different animals onto cards. Turn the cards facedown and have children make matches of animals with similar characteristics.

Zoo Visit

Organize a visit to a zoo or marine reserve where children can see the animals in their simulated habitats. This could provide further information on the similarities and differences between animals; for example, how they move and what they eat.

I Wonder Why?

Have the children look at a photograph of an animal. Ask *I wonder...* questions regarding the appearance of the animal being viewed; for example, *I wonder why this elephant has tusks?* Research the answers as a class project.



What's the Same?

Activity Master, page 137

Read the instructions to ensure that children know what to do. Have them write animal names next to the correct characteristic.

Name _____

Sea and Land Animals

Use the index to find the answers to the following questions. Write the page numbers you see in the index and then read those pages to find the answers.

1. How do some animals use their sharp teeth? p. _____

2. Which animal uses fur to keep warm in the water? p. _____

3. What do a clown fish and a tiger both have? p. _____

4. What do crabs use to protect their soft bodies? p. _____

5. What animals have spines? p. _____

Name _____

Sea and Land Animals

Write the names of two animals with each of these features.
Use your book if you need help.

1. Animals with stripes

2. Animals with claws

3. Animals with fur

4. Animals with sharp teeth

5. Animals with spines

6. Animals with hard shells
