

VITAL INFORMATION

Grade: 4

Subject: Science and Language

Topic: Ocean Shoreline Habitat

Vocabulary: Abundant, Photosynthesis, Carnivorous, Predators, Carcasses, Food Chain, Habitat, Upwelling, Crustaceans, Adapt, Prey, Oxygen, Friction, Preservation

Time Allotment: 2 periods at 40 minutes a period

Objective:

- Students will be able to gather ideas and facts from the passage.
- Students will be able to use appropriate vocabulary to complete the assignment.

Summary: Students are asked to read a passage and complete the assignment that is paired with it.

IMPLEMENTATION

Introduction: In an open class discussion, teachers will explain the assignment and discuss the vocabulary related to the assignment. Students will then be asked to read the passage on their own.

Procedure: Students will collect in small groups (3-4), discuss and complete the rest of the assignment.

Closure: To check their answers before submitting to the teacher, the students will create new groups. There will be 3-4 students per group, but no members will be from the students' previous grouping.

MATERIALS AND RESOURCES

Instructional Materials:

- Activity hand out (1 per student)
- Dictionary

Resources:

- The Ontario Curriculum grades 1 - 8, Science and Technology

STANDARDS & ASSESSMENT

Language: Expectations from the Grade 4 Ontario Curriculum

Reading

1. Reading for Meaning

- 1.4 Demonstrate understanding of a variety of texts by summarizing important ideas and citing supporting details.
- 1.6 Extend understanding of texts by connecting the ideas in them to their own knowledge, experience, and insights, to other familiar texts, and to the world around them.
- 1.7 Analyze texts and explain how specific elements in them contribute to meaning.

3. Reading with Fluency

- 3.1 Reading familiar words
- 3.2 Reading unfamiliar words

Writing

1. Developing and Organizing Content

- 1.3 Gather information to support ideas for writing using a variety of strategies and oral, print, and electronic sources.

Science: Expectations from the Grade 4 Ontario Curriculum

Understanding Life Systems

2. Developing Investigation and Communication Skills

- 2.2 Build food chains consisting of different plants and animals, including humans
- 2.5 Use appropriate science and technology vocabulary, including habitat, population, community, adaptation, and food chain, in oral and written communication.

3. Understanding Basic Concepts

- 3.3 Identify factors that affect the ability of plants and animals to survive in a specific habitat.
- 3.5 Classify organisms, including humans, according to their role in a food chain (e.g., producer, consumer, decomposer).
- 3.7 Describe structural adaptations that allow plants and animals to survive in specific habitats.