



## Animal Adaptation News

**Unit/Lesson Plan Title:** Animal Adaptation News

**Subject:** Science

**Grade Level:** 4      **Length of Lesson:** Approx. 6 - 45 minute lessons

**Unit/Lesson Summary:** Students will use books, reference materials and the internet to research an animal from NC. They will focus on needs, behaviors and adaptations of their animal. As an assessment, the students will create a newsletter in Pages that gives information about their animal.

**Key Vocabulary:** adaptations, behaviors, multimedia, copyright, URL, copy, paste, import, image

**Essential Question(s):**

Science:

How do other animals, plants, weather, and climate affect the life of a particular animal? How do animals differ by characteristics? What are advantages and disadvantages of these differences? How do behaviors and body structures help animals survive in a particular habitat?

Technology:

How can I use multimedia tools to add text and graphics to a presentation?

## **NCSCOS Essential Standards Addressed in Unit/Lesson:**

### Science

1.01 Observe and describe how all living and nonliving things affect the life of a particular animal including:

- \* other animals.
- \* plants.
- \* weather.
- \* climate.

1.02 Observe and record how animals of the same kind differ in some of their characteristics and discuss possible advantages and disadvantages of this variation.

1.03 Observe and discuss how behaviors and body structures help animals survive in a particular habitat.

### Library and Information Skills

4.01 Identify information needs and formulate questions about those needs.

4.05 Gather information

4.07 Organize and use information

### Technology

1.04 Recognize that Copyright Laws protect creative work of individuals/groups/companies by citing sources.

1.11 Identify and discuss the use of multimedia tools to report content area information.

1.13 Recognize, discuss, and use Copyright and Fair Use Guidelines in multimedia projects by explaining selection and use of resources as a class.

### **Materials/ Resources**

Encyclopedias, various books from the library (student and media teacher selected).

Internet

Science text book.

Index cards or folder for notes

Pages template in the Resource Folder

**Procedure:**

Lesson 1 - Students will learn how to find books and reference material for their animal with the media teacher. A note taking lesson is also taught along with mentions of copyright.

Lesson 2 - Students will continue to find information on their animal by researching printed material only.

Lesson 3 - Students will use the internet to research their animal

Lesson 4 - Students will learn to collect and cite photographs from the internet.

Lesson 5 - Students will learn to create a newsletter in Pages

Lesson 6 - Students will learn to add images, change the font and edit spacing to enhance their newsletter.

**Unit/Lesson Accommodations for Differentiated Instruction**

**Enrichment:** Students may choose to have a second page to their newsletter.

**Remediation:** Students may work in pairs on a shared animal.

**Cross Curricular Extension:**

**Art:** Work with the art teacher to create pictures of their animals in their natural habitats

**PE:** The PE teacher may discuss various animals and how they move. Students imitate movements of the animals with their bodies.

**Music:** Students use instruments or GarageBand to create music or sounds that set the mood for their particular animal. For example, the honeybee may have a high-pitched, fast tempo. The box turtle may have a low-pitch, slow tempo.

**Assessments:** Pages newsletter

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