Eye Spy Science

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Overview

Enhancing the teaching of science through the visual images found on the websites: The Library of Congress and the National Archives & Records catalog. The students can brainstorm science words to use as search terms and hunt for images that pertain to a given topic. By using the websites listed above, the students can find hundreds of wonderful images and documents to choose from to apply to a unit of study. It is a hands-on activity that enables the student to be involved in an exciting and enjoyable learning experience.

Objectives

- The student will identify four kinds of violent storms.
- The student will compare the kind of weather each violent storm causes.
- The student will describe the effects of violent storms on people.
- The student will brainstorm science terms for a given unit of study that will be used as search terms.
- The student will hunt for images across the American Memory Collections using the search list.
- The student will create “Eye Spy” questions to match each image.
- The student will print and mount the images on construction paper.
- The student will title each photo and write a brief summary which will be placed on the backside of each photo card.
- The student will display mounted photos for viewing.
- The student will review all photos in preparation for the group activity.
- The student will read his/her “Eye Spy” question aloud.
- The student will identify the correct matching image.

Time Requirement

5 days

Grade Level

Grade 4
**Procedure**

Day 1-
- Listen to sounds of storms
- Identify four kinds of violent storms
- Describe the effects of violent storms on people

Day 2-
- Brainstorm science terms for weather unit
- Use science terms as search terms
- Hunt for images across the American Memory Collections

Day 3-
- Create “Eye Spy” questions to match images
- Print out and mount images on construction paper
- Title each photo card and write a brief summary to be placed on the backside of each image

Day 4 & 5-
- Display mounted photo cards
- Review photo cards in preparation for group activity
- Read his/her “Eye Spy” question aloud
- Correctly identify the correct matching image

**Evaluation**

Chapter 10 Test (Weather & People)
Participation
Observation
Self-Evaluation Worksheet
Survey of Lesson
Presentation of Project

*Use of computer website(s):* Library of Congress (http://www.loc.gov/)
National Archives & Records Administration (http://www.archives.gov/)