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Animal Research Slide Show

Science

For use with Grade 2

Children will work in pairs to use the Internet to gather information about a specific animal. Students will choose their animal from the animals in the categories Mammals, Birds, Reptiles, or Amphibians. They will use the website [http://www.seaworld.org/AnimalBytes/animal\\_bytes.html](http://www.seaworld.org/AnimalBytes/animal_bytes.html) to gather their information. They will use Microsoft Encarta to find graphics for their slideshow. Students will complete the attached worksheet as a means to gather the information about their chosen animal.

The following NETS standards would be met by completing this lesson.

## Science Standards

### Grades K-4 Standards

#### **CONTENT STANDARD A: SCIENCE AS INQUIRY**

##### **A1. Abilities necessary to do scientific inquiry:**

- Ask a question about objects, organisms, and events in the environment.
- Plan and conduct a simple investigation.
- Employ simple equipment and tools to gather data and extend the senses.
- Use data to construct a reasonable explanation.
- Communicate investigations and explanations.

##### **A2. Understanding about scientific inquiry:**

- Scientific investigations involve asking and answering a question and comparing the answer with what scientists already know about the world.
- Scientists use different kinds of investigations depending on the questions they are trying to answer.
- Simple instruments provide more information than scientists obtain using only their senses.
- Scientists develop explanations using observations (evidence) and what they already know about the world (scientific knowledge).
- Scientists make the results of their investigations public; they describe the investigations in ways that enable others to repeat the investigations.
- Scientists review and ask questions about the results of other scientists' work.

#### Materials Needed:

- Computer networked to Internet (Link to [http://www.seaworld.org/AnimalBytes/animal\\_bytes.html](http://www.seaworld.org/AnimalBytes/animal_bytes.html))
- Worksheet with specific questions about animals to be answered
- Kid Pix 3 by Broderbund
- Microsoft Encarta for graphics of animals

#### Teacher Preparation:

- Prepare worksheet for each student
- Create a link to the Animal Bytes web site on each of the student's computers
- Test Kid Pix 3 and create a sample slide show
- Attach microphones to each computer for recording student's voices

#### Student Preparation:

- Students need to be introduced to Kid Pix 3 (backgrounds, graphics, stamps and stickers).
- Students need to know how to save and name pictures in their own file (Login names on the Users on HolyFamily(Y)).
- Students need to know how to import pictures from other programs.
- Students need to know how to open saved pictures from their files
- Students need to know how to record and save sounds on each picture.
- Students need to access links on the Internet.
- Students need to be able to gather information from the Internet site.
- Students need to know how to create and save a slide show.

#### Activities/Procedures:

- Students will be introduced to the project and the worksheet will be explained.
- Students will be introduced to the Animal Bytes website.
- Students will gather the needed information.
- Students will create and save 5 slides in Kid Pix (A title slide and a slide to illustrate each question from the worksheet)
- Students will record their voices reading the information on the slide.
- Students will create a slide show in Kid Pix 3 using appropriate transitions and sounds.

#### Assessment/Evaluation:

See attached rubric

#### Follow-up Activities:

Students will present their slide show to the class. Slide shows may be saved as a Quick Time movie and burned to a CD for students to share at home.

Name \_\_\_\_\_

Name of Animal:

Circle One: **Mammal** **Amphibian** **Reptile** **Bird**

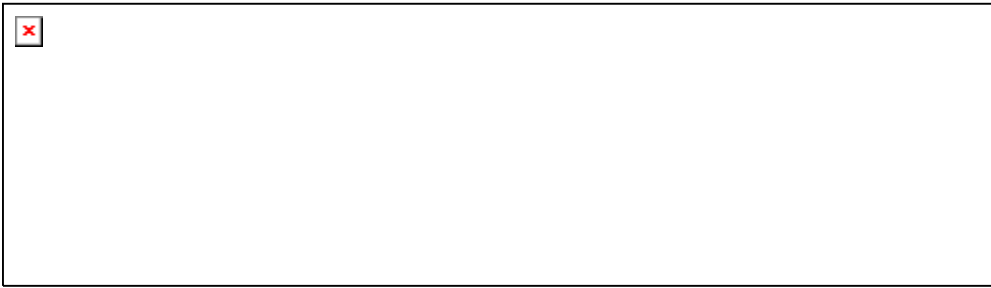
**Where It Lives:**

**What It Eats:**

**What It Looks Like:**

**Interesting Facts:**





## Multimedia Project: **Animal Slide Show**

Teacher name: Nancy Kurkiewicz

Student Name \_\_\_\_\_

CATEGORY	Excellent	Good	Satisfactory	Needs Improvement
<b>Content</b>	Covers topic in-depth with details and examples. Subject knowledge is excellent.	Includes essential knowledge about the topic. Subject knowledge appears to be good.	Includes essential information about the topic but there are 1-2 factual errors.	Content is minimal OR there are several factual errors.
<b>Mechanics</b>	No misspellings or grammatical errors.	Three or fewer misspellings and/or mechanical errors.	Four misspellings and/or grammatical errors.	More than 4 errors in spelling or grammar.
<b>Attractiveness</b>	Makes excellent use of font, color, graphics, effects, etc. to enhance to presentation.	Makes good use of font, color, graphics, effects, etc. to enhance to presentation.	Makes use of font, color, graphics, effects, etc. but occasionally these detract from the presentation content.	Use of font, color, graphics, effects etc. but these often distract from the presentation content.
<b>Sources</b>	Source information collected for all graphics, facts and quotes. All documented in desired format.	Source information collected for all graphics, facts and quotes. Most documented in desired format.	Source information collected for graphics, facts and quotes, but not documented in desired format.	Very little or no source information was collected.
<b>Presentation</b>	Well-rehearsed with smooth delivery that holds audience attention.	Rehearsed with fairly smooth delivery that holds audience attention most of the time.	Delivery not smooth, but able to maintain interest of the audience most of the time.	Delivery not smooth and audience attention often lost.