

# Habitat Research and Slide Show

## **DESCRIPTION:**

Students will create a slide show with sounds and transitions in MS PowerPoint. Slides will depict different habitats studied in class with typed information and illustrations created with drawing tools or inserted from Clip Art or saved images.

## **TECHNOLOGY SKILLS:**

Graphics, Keyboarding, Presentation (MS Power Point), Internet

## **LANGUAGE ARTS TEKS:**

- 1.5 The student demonstrates knowledge of concepts of print.
- 1.15 The student generates questions and conducts research about topics using information from a variety of sources, including selections read aloud.
- 1.17 The student develops the foundations of writing.
- 1.18 The student writes for a variety of audiences and purposes and in a variety of forms.
- 1.19 The student selects and uses writing processes to compose original text.
- 1.23 The student uses writing as a tool for learning and research.

## **SCIENCE TEKS:**

- 1.9 The student knows that living organisms have basic needs.

## **SOCIAL STUDIES TEKS:**

- 1.6 The student understands various physical and human characteristics of the environment.
- 1.17 The student applies critical-thinking skills to organize and use information acquired from a variety of sources including electronic technology.
- 1.18 The student communicates in written, oral, and visual forms.

## **DURATION OF LESSON:**

- 1 class period for research and 15-20 minutes for writing per habitat
- 1 session at the computer per habitat
- 1 session in the lab

**MATERIALS:** None

**PREREQUISITE TECHNOLOGY SKILLS FOR TEACHERS:**

- Using the various tools in MS PowerPoint
- Adding Clip Art or saved pictures to a slide show
- Adding sounds and transitions to a slide show
- Opening web sites with copyright-friendly images to view on the presentation station
- Images of habitats are available at [www.unitedstreaming.com](http://www.unitedstreaming.com)

**PREREQUISITE TECHNOLOGY SKILLS FOR STUDENTS:**

- Using the various tools in MS PowerPoint
- Creating a slide show
- Opening and saving documents

**BEFORE THE COMPUTER (TEACHERS):**

- Create a sample slide show for students to view in the lab or on the presentation station.
- Locate web sites containing age-appropriate information/pictures about each habitat and create and save a hotlist in the Homework drive. Images of habitats are available at [www.unitedstreaming.com](http://www.unitedstreaming.com).

**BEFORE THE COMPUTER (STUDENTS):**

- Generate questions about each habitat.
- Write one or two sentences about each habitat studied.

**PROCEDURE:**

**During the study of each habitat...**

1. Allow students to watch on the presentation station as the teacher opens web sites and articles about the habitat being studied or about an animal in that habitat.
2. The teacher reads pertinent pieces of articles to the students to help them answer the questions they generated earlier.

**After studying each habitat...**

1. Open a new Slide Show in MS PowerPoint.
2. Choose a slide layout.
3. Use the text tool to type the sentence(s) written in class.
4. Illustrate the habitat using the Kid Pix, drawing tools or by inserting Clip Art or saved images.
5. Save the first habitat picture to the slide show.
8. The student should save the slide show in his/her folder.
9. Continue to add and save new habitat pictures to the slide show.

**After all habitats have been added to the slide show...**

1. In the lab, demonstrate how to add sounds and transitions to the slide show.
2. Allow students to add sounds and transitions to their slide shows.
3. Students should save changes made to the slide shows.
4. Allow students to move from computer to computer around the lab to view each other's slide shows.

**ASSESSMENT: Habitats Assessment rubric****ADAPTATIONS:**

- Students may create a slide show about almost any topic studied.
- Students may create a slide show depicting the events in a story they read or wrote.
- Arrange for each student to present his/her slide show to another class.

**EXTENSIONS:**

- Students do independent research about a topic related to one of the habitats, and use a slide show to present the information to the class.

**MODIFICATIONS:**

- Students create slides about fewer habitats.
- Students type a frame sentence on each slide. [Ex. A (name of animal) lives in the (habitat).]
- Students only use pictures to depict their knowledge of the habitat.