Arctic Photostory

Lesson Overview:
Students will create a photostory dictionary from A-Z of words relating to the life and land of the Canadian North using the Microsoft program Photostory 3

Grade Level:
Grade 4

Time Required: Two classes (120 minutes)

Curriculum Connection:
Manitoba Grade 4 – Cluster 5 (Canada’s North)

Links to Canadian National Standards for Geography:

Essential Element #1: The World in Spatial Terms
• Location of major human and physical features on Earth
• Spatial graphics (e.g. air photos, satellite images, various map types and atlases)
• Provinces and Territories of Canada

Essential Element #2: Places and Regions
• Physical and human characteristics of places and regions within the province and Canada
• Perceptions of places and regions

Geographic Skill #1: Asking Geographic Questions
• Ask geographic questions: Where is it located? What is significant about its location? How is its location related to the locations of other people, places and environments?

Geographic Skill #2: Acquiring Geographic Information
• Locate, gather and process geographic information from a variety of primary and secondary resources including maps

Geographic Skill #3: Organizing Geographic Information
• Construct graphs, tables and diagrams to display geographic information
Additional Resources, Materials, and Equipment Required:
- Computers with Internet access
- LCD projector
- Evaluation rubric
- Photostory planning handouts
- Photostory instruction handout & Teacher-generated Photostory

Main Objectives:
- To have students learn where the Arctic is
- To have students learn what lives in the Arctic
- To have students research vocabulary on the Internet

Learning Outcomes: By the end of the lesson, students will be able to:
- Access and navigate websites needed to do research
- Be more familiar with living organisms from the Arctic
- Know where the Arctic is located
The Lesson:

<table>
<thead>
<tr>
<th>Teacher Activity</th>
<th>Student Activity</th>
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<tbody>
<tr>
<td><strong>Introduction</strong></td>
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<tr>
<td>• Ask students if they have any idea what lives in the Arctic</td>
<td>• Students respond to brainstorming question</td>
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<td>• Write their suggestions on the board</td>
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<td><strong>Lesson Development</strong></td>
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<tr>
<td>• Show the teacher-created Photostory of the plants and animals of the Arctic</td>
<td>• Students view the Photostory presentation</td>
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<td>• Divide the class into different groups and assign each group a portion of the</td>
<td>• Students research living things in the Arctic on</td>
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<tr>
<td>alphabet to create their Photostory of living things in the Arctic</td>
<td>the Internet and use their planning forms to</td>
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<td>• Have students use the planning template and the Internet to pre-plan their</td>
<td>plan their presentation</td>
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<tr>
<td>stories</td>
<td>• Students will use their planning templates to</td>
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<td>• Once their plans are complete, teacher will direct students to produce their</td>
<td>produce their Photostories</td>
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<tr>
<td>Photostories</td>
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<tr>
<td><strong>Conclusion</strong></td>
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<td>• Guide and assist where necessary</td>
<td>• Students present their Photostories</td>
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<td>• Use the rubric to assess projects</td>
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**Lesson Extension:**

- Invite someone from the North to come and to speak to the class
- Take a field trip to the North

**Assessment of Student Learning:**

- Evaluate rubric
Further Reading

http://www.lubbockisd.org/sfirenza/storytelling/  - information on how to create a digital story
http://rubistar.4teachers.org/index.php  - create your own rubric for assessment
http://www.soundzabound.com/mambo/  - free sounds/music

References for Teacher Photostory

www.arcticparl.org/.../graphics/logo_icon.gif  (Arctic icon)
nsidc.org/arcticmet/images/arctic_map_small.gif  (Map of Arctic)
http://www.paulnicklen.com/Galleries/ArcticLight/arctic_light01.html  (Blizzard in the Arctic)
www.progarchives.com/artist.asp?id=2452  (Arctic Duck)
<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<tbody>
<tr>
<td><strong>Content</strong></td>
<td>The story is not complete</td>
<td>The digital story is missing significant elements</td>
<td>The digital story is completed, yet the content is not grade level appropriate.</td>
<td>The digital story is grade level appropriate and engaging for students.</td>
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<td><strong>Quality of Proposed projects</strong></td>
<td>The digital story meets the minimum requirements.</td>
<td>The digital story needs more details added.</td>
<td>The digital story is engaging, visually attractive, yet it is not complete for classroom use.</td>
<td>The digital story is engaging, visually attractive and ready to be used in the classroom.</td>
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<tr>
<td><strong>Format and Technology use</strong></td>
<td>The project does not have a storyboard.</td>
<td>The project is emerging, but needs supporting details.</td>
<td>Project is completed but more editing is needed.</td>
<td>Project is nicely presented including sound and visual images.</td>
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Photo Story 3
Instruction Sheet

Accessing Photo Story 3

To download Photo Story 3 for free, visit:
Detailed instructions for using Photo Story 3 can be found at
http://www.microsoft.com/windowsxp/using/digitalphotography/photostory/tips/firststory.mspx

Using Photo Story 3

1. Open Photo Story 3.
2. On the opening screen choose Begin a new story and click Next.
3. Click on Import Pictures. A box will appear to the left, with the files to choose from. Open a file, click on the picture and when the file name appears, click OK. The photo will now be imported into Photo Story. Follow this same procedure with any other photos you want to import. When you are finished importing photos, click Next. (Note: If your photos have black borders, you will get a message that asks if you want to remove the borders. You can choose to remove or leave them.)
4. The next screen is to add text to each photo. You can modify the type and color of text by clicking on the Select Font button. You can also choose to have the words typed at the top, middle, or bottom of the page using the Align Top button.
5. Add motion and transitions. For this stage, click on the Customize Motion button below the photo. For the Motion and Duration, choose where the pan begins and ends in their photo. For transitions, click on the tab labeled Transitions and choose a transition that seems appropriate for the page. Click Next.
6. Narration comes next. If you want to include it, you will need a microphone. Click on the red Record Narration button when you are ready to read the page. When this is done, click Next.
7. Give the file a name and save it on your computer and a disk for backup.
### Planning Storyboard for Photo Story

<table>
<thead>
<tr>
<th>Order #</th>
<th>Picture:</th>
<th>Title for slide:</th>
<th>Notes for narration</th>
<th>Music:</th>
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