2012

Geography Agriculture Photo Essay

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Chariton High School, Chariton School District

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Geography Agriculture Photo Essay
Created by: Mark Felderman
Chariton High School, Chariton School District

<table>
<thead>
<tr>
<th>Grade Level (Req.): 7th-12th grade</th>
<th>Content Area (Req.): Human Geography, Economics</th>
<th>Unit (Opt.):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connections to Other Disciplines (Opt.):</td>
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<thead>
<tr>
<th>Time Frame (Req.): 3 class periods and a weekend outside of class</th>
<th>Goal (Req.): To help students demonstrate their understanding of the 5 themes of geography.</th>
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</thead>
<tbody>
<tr>
<td>Objective (Req.): Students will use the creativity of photography to show understanding of the 5 themes of geography.</td>
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<tr>
<td>Materials Needed (Req.):</td>
<td>New Vocabulary (Opt.):</td>
<td></td>
</tr>
<tr>
<td>• Digital cameras</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>• Printer</td>
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<td></td>
</tr>
<tr>
<td>• Posterboard</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>• Glue sticks</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>• Computer</td>
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Anticipatory Set/Introduction [Inquiry Question is required] (Req.): Where do we actually see the 5 themes of geography in local agriculture?

Instructional Sequence/Procedure (Req.):
1. Start the lesson by reviewing the Five Themes of Geography, including the sub-topics.
2. Students will use a digital camera and take photographs illustrating the 5 themes. These will include (with example here in parentheses): Place (a photo of a farm); Location, both relative and absolute (address sign or a GPS screen); Human-Environmental Interaction, Use, Modify, and Adapt to (irrigation, working in the fields, working around an obstruction); Movement of Goods, Ideas, and People (wagons, HyVee); Regions (plants and animals unique to a region).
3. Print the photos, arrange, and label them in a display.
4. Present the display to classmates.
5. Extending the Lesson: Options would include working in teams, preparing the presentations in electronic media, using photos from the Internet instead of taking photos, preparing artwork instead of using photos.
| 15. | 16. | 17. | 18. | 19. | 20. |
| Formative Evaluation (Req.): Check for understanding throughout the project in regards to identifying the 5 themes in real world scenarios. | Assessment (Req.): Presentations, answering questions about the photos, and a test at the end where students identify the 5 themes in photos. |

Iowa Core Curriculum Standards Used (Req.):
- Economics, grade 9-12: Understand the impact of advancing technologies on the global economy.
- Geography, grade 9-12: Understand the use of geographic tools to locate and analyze information about people, places, and environments.
- Geography, grade 9-12: Understand how human factors and the distribution of resources affect the development of society and the movement of populations.
- Geography, grade 9-12: Understand how physical and human processes shape the Earth’s surface and major ecosystems.
- Geography, grade 9-12: Understand how human actions modify the environment and how the environment affects humans.
- Geography, grade 9-12: Understand how culture affects the interaction of human populations through time and space.
- Geography, grade 9-12: Understand how cultural factors influence the design of human communities.

Common Core Curriculum Standards Used (Opt.):
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NGS Standards Used (Req.):
- How to Use Maps and Other Geographic Representations, Tools, and Technologies to Acquire, Process, and Report Information From a Spatial Perspective
- How to Analyze the Spatial Organization of People, Places, and Environments on Earth’s Surface
- The Physical and Human Characteristics of Places
- That People Create Regions to Interpret Earth’s Complexity
- How Culture and Experience Influence People’s Perceptions of Places and Regions
- The Physical Processes That Shape the Patterns of Earth’s Surface
- The Characteristics and Spatial Distribution of Ecosystems on Earth’s Surface
- The Characteristics, Distribution, and Migration of Human Population on Earth’s Surface
- The Characteristics, Distribution, and Complexity of Earth’s Cultural Mosaics
- The Patterns and Networks of Economic Interdependence on Earth’s Surface
- The Processes, Patterns, and Functions of Human Settlement
- How the Forces of Cooperation and Conflict Among People Influence the Division and Control of
Earth’s Surface
- How Human Actions Modify the Physical Environment
- How Physical Systems Affect Human Systems
- The Changes That Occur in the Meaning, Use, Distribution, and Importance of Resources
- How to Apply Geography to Interpret the Past
- How to Apply Geography to Interpret the Present and Plan for the Future

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<tr>
<th>Five Themes of Geography Used (Req.)</th>
<th>School District Standards and Benchmarks (Opt.)</th>
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<tbody>
<tr>
<td>Location</td>
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<td>Place</td>
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<td>Human-Environmental Interaction</td>
<td>•</td>
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<td>Movement</td>
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<td>Region</td>
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21st Century Universal Constructs (Opt.): Creativity

Other Disciplinary Standards (Opt.):
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Other Essential Information (Opt.):

Other Resources (Opt.):
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