8th Grade Webquest

Introduction:

You are the newest agent at the Department of Travel and Tourism for Georgia working with the Visitors Centers. The department is trying to expand its tourism economy. You were hired because you have good computer skills as well as being a knowledgeable resource of Georgia's Seven Wonders and history. You will use your skills on the computer and as an agent to help the department expand Georgia's tourism. If you do well, you will receive the Most Outstanding Employee Award, and be promoted to Department Head.

Task:

As an agent for the Department of Travel and Tourism for Georgia, you have been given the task of getting more people to travel to Georgia. Your job is to design a travel brochure that provides people interested in traveling to Georgia with more information on the Seven Wonders of Georgia.

Process:

Part 1: Locate information on the Seven Wonders of Georgia. You must find information about each Wonder's location, geography, and local traditions/activities there.

Part 2: (See science and Math portion below)

Part 3: You must create a power point presentation, travel brochure, or travel guide. The project needs to be colorful and contain interesting facts and information that will persuade people to visit Georgia. Include in your project the Science and math portion as well as the description in Part 4

Part 4: A description of each of the Seven Wonders of Georgia to include any special activities/events that take place there and daily activities for tourists to enjoy including pricing for each and a map that denotes each Wonder's location in Georgia *(Counts for SS and LA)*

Math Portion:

M8A1. Students will use algebra to represent, analyze, and solve problems.

M8A2. Students will understand and graph inequalities in one variable.

You are to plan group packages for tours to each of the Seven Wonders. To capture the costs of providing the tours, the group pricing needs to be 15% higher than the actual costs. Also, to attract customers, the group cost cannot exceed $300 per person. The tours can span from 2-5 days, depending on the locations and the hotel costs involved. Each tour must have at least 10 people and no more than 20 people.

You need to create two group packages. You do NOT need to include all Seven Wonders in one package, but between the two packages each Wonder needs to be included.

Determine the group cost for each trip. Then determine the least amount the company can accept per tour to capture all costs, and the most the bureau could earn if the tour was at capacity. Show your work – the inequality and equations you used to determine the costs of the Group Tours.

Things to consider:

1. Cost of bus for the entire trip – calculate $200 round trip for a bus that will hold 20 people.
2. The cost of lodging for each person at local hotels in the areas.
3. The cost of admission to the different attractions.

Amicalola Falls

- Cottages for 4 people $85 per night

Tallulah Gorge

- Parking $5
- Campground for 4 people $40

Stone Mountain

- Adult admission $27 and Children under 12 $21
- Parking $10
- Hotel for 4 people $75

Warm Springs

- Little White House Tour – Adults $7 and Children $4
- Bed and Breakfast Lodging $135 for 4 people

Providence Canyon

- Lodge for 4 people - $59
- Hiking Tour - $5

Radium Springs

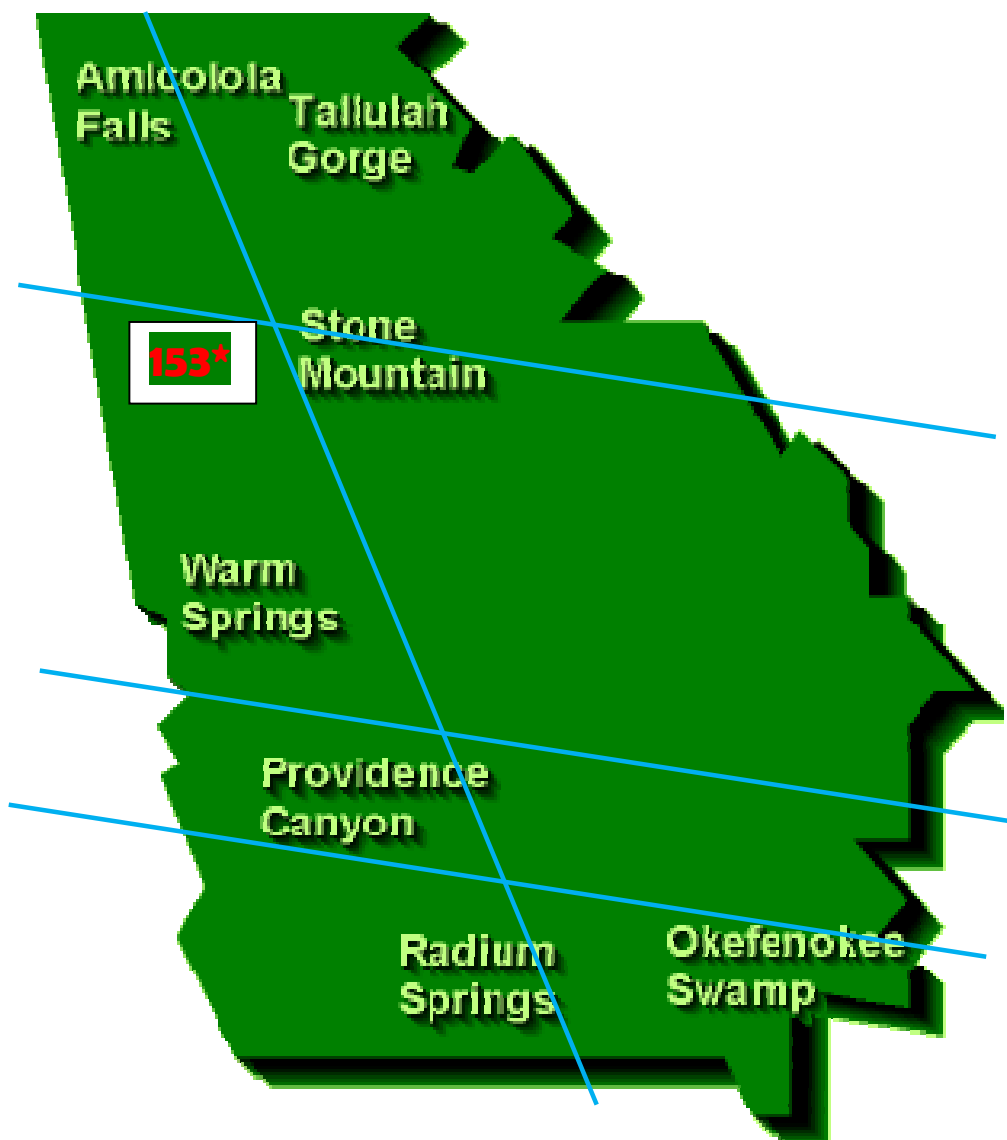- Hotel Rooms for 4 people $109

Okefenokee Swamps

- Adults - $12 and Children - $11
- Hotel for 4 people $90

M8G1. Students will understand and apply the properties of parallel and perpendicular lines and understand the meaning of congruence.

1) Go to this Website: http://www.henry.k12.ga.us/pges/instruction/kid-pages/seven-georgia/default.html

2) Copy and paste the map of Georgia with the Seven Wonders into your presentation.

3) Using the picture below, create the same parallel lines and the transversal to the picture you pasted in your presentation. Label the parallel lines and transversal.

4) Next, list all the angle relationships formed on the map of the Seven Wonders. Then using the given angle, calculate the degrees for the 12 missing angles and label them on your presentation.

Science Portion:

Tourists love to discover all of natural elements that the Seven Wonders of GA have to offer! Most tourists like to be informed on what they have to look forward to prior to their many explorations. For the Science Portion of your quest you will need to:

1.) Copy and paste the chart below to your brochure.
2.) Research the information of what your tourists can expect to see during their visit.
3.) Fill-in the empty spaces with all of your information.

**The More Information the Better!

Seven Wonders	Name, Length/Depth of Bodies of Water	Rare Rock Formations	Natural Minerals/Elements *Write the Name, Symbol, Atomic # and Atomic Mass	Types of Plant & Wildlife
Amicalola Falls				
Tallulah Gorge				
Stone Mountain				
Warm Springs				
Providence Canyon				
Radium Springs				
Okefenokee Swamps				

Tip: For "Natural Minerals/Elements" think about your periodic table!

S8P1f: **Students will recognize that there are more than 100 elements and some have similar properties as shown on the Periodic Table of Elements**

Resources:

Use these websites to assist you in your research:

http://www.gastateparks.org/net/go/parks.aspx?show=parks&tid=12620&all=12660&s=0.0.1.5

http://www.henry.k12.ga.us/pges/instruction/kid-pages/seven-georgia/default.html

http://www.georgiaencyclopedia.org/nge/Destination.jsp?id=p-54

http://www.exploregeorgia.org/Kids/NaturalWonders

http://www.infoplease.com/ipa/A0108201.html

Evaluation:

	Beginning	Developing	Accomplished	Exemplary	Score
Process – Part II **Social Studies information**	Information not complete. Less than 15 details provided **(20 points)**	Information not complete. 16 – 24 details provided **(25 points)**	Information complete. 25 - 29 details provided **(30 points)**	Information complete and more provided. 30 or more **relevant** details provided **(32 points)**	
Science/Mathematics information	Information not complete. Less than 2 provided **(10 points)**	Information not complete. 3 – 4 provided **(15 points)**	Information complete. All 5 provided **(20 points)**	Information complete and more provided. 6 or more **relevant** details provided. **(22 points)**	
Task – Part III **Presentation**	Information incomplete. Few pictures. Not creative. **(20 points)**	Some information provided. 1 picture provided. Details not easy to understand. Not creative. **(25 points)**	All information provided. At least 2 pictures provided. Details easy to understand. Creative. **(30 points)**	More information provided. 3 or more pictures included and details are easy to understand. Very Creative. **(32 points)**	
Task – Part IV **Paragraph**	Paragraph lacks organization. Topic sentence unclear- no support. No conclusion. **(5 points)**	Paragraph has minimal organization- lacking topic, support or conclusion. **(10 points)**	Paragraph has good organization. Topic sentence, 4 - 5 supporting details, conclusion. **(15 points)**	Paragraph has clear organization. Topic sentence, 6 or more supporting details, conclusion. **(17 points)**	
Mechanics **Grammar, Format, Spelling**	Major mechanical errors in grammar, formatting, and spelling. **(1 point)**	The final body of work has 3- 5 mechanical errors in grammar, formatting, and spelling. **(3 points)**	The final body of work has 1-2 mechanical errors in grammar, formatting, and spelling. **(5 points)**	The final body of work is free of mechanical errors. **(6 points)**	

Conclusion:

Now that you have completed the project, it is up to the hiring committee and the Governor to pick one candidate to be promoted to Department Head. If you have done your job properly and effectively, travel to Georgia will increase tremendously, and that candidate who receives the promotion will be you.

Credits:

http://www.thirteen.org/edonline/concept2class/webquests/index_sub3.html, retrieved 7/26/10

http://technological-teaching-aids.suite101.com/article.cfm/how_to_design_a_webquest , retrieved 7/26/10

http://volweb.utk.edu/Schools/bedford/harrisms/studentpage.htm , retrieved 6/16/10

http://www.uni.edu/coe/ci/240-020/webquests/webquestparts.html , retrieved 7/26/10

https://www.georgiastandards.org/frameworks/Pages/BrowseFrameworks/Frameworks.aspx , retrieved 7/22/10