Data Gathering Sheet   Name(s)_____

Directions: Measure the temperature of at least 8 locations in the area specified by your teacher.   In your 8 locations, make sure you measure the temperature of at least 5 different surfaces.   Fill in the following information:

Grid Location (ex. A-2)	Temperature (^{0}F)	Time (ex. 8:42 AM)	Asphalt	Concrete	Rocks	Grass	Metal	Bricks	Other	Shade (X)	Full Sun (X)

The "Kind of Surface (X one of these)" header spans the Asphalt, Concrete, Rocks, Grass, Metal, Bricks, and Other columns.

1. What conclusions has your group made based on your data?
A.

B.

C.

2. Compare your data to another group's data.
A. What was the same?

B. What was different?

ARIZONA
GEOGRAPHIC ALLIANCE

Looking at Sources   Name(s)_____

Name of Magazine Article_____

Identify at least 3 main ideas from the reading. Under each main idea, include several details.

1. Main Idea_____

    a. Detail_____

    b. Detail_____

2. Main Idea_____

    a. Detail_____

    b. Detail_____

3. Main Idea_____

    a. Detail_____

    b. Detail_____

4. Possible Solutions given in the reading.

Labels for Heat Island Cooling Strategies

Trees &Vegetation

Cool Pavement

Green Roofs

Cool Roofs

Smart Growth

Your Own Idea

GeoInquiry Planning   Name(s)_____

1. What question will you ask? (This is the focus of your research.) (What scale will you address: local, state, national, world?)

2. What data will you collect from maps and other sources? (What kind of maps and sources will be the most useful and accessible?)

3. How will you visualize your data and information? (a paper or electronic map, charts, graphs, images, diagram,…..)

4. What will you create? (Will it be a PowerPoint, a poster, a speech, a letter, social media page….?)

5. What action will you take? (With whom are you sharing this data and research?)

Scoring Guide for GeoInquiry   Name(s)_____

Criteria	Points Possible	Points Scored
Question is clearly stated	10	
Scale is identified	5	
Data is identified	10	
Sources are identified	10	
Data visualization is clear	15	
Information is clear	15	
Product (speech, etc) is well done & appropriate for audience	20	
Action is appropriate to assignment	15	
Total	100	
Comments:		

Scoring Guide for GeoInquiry   Name(s)_____

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