# GLOBE INTERNATIONAL VIRTUAL SCIENCE SYMPOSIUM—BADGES AND CRITERIA FOR K–2 SCIENCE PROJECTS

## GLOBE INTERNATIONAL SCIENCE SYMPOSIUM
STUDENT RESEARCH BADGE (ALL PROJECTS—OVERALL REPORT)

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<td>• Report contains <strong>all</strong> of the criteria listed below and makes clear <strong>connections</strong> among them. &lt;br&gt; • The report is well organized, neat and well presented. &lt;br&gt; • The writing is <strong>clear</strong> and <strong>focused</strong>. &lt;br&gt; • The report contains the five elements required for acceptance, clearly labeled.</td>
<td>• Report contains <strong>all</strong> of the elements and <strong>most</strong> of the criteria listed below. &lt;br&gt; • The report is well organized, neat and well presented. &lt;br&gt; • The writing is <strong>clear</strong>. &lt;br&gt; • The report contains the five elements required for acceptance, clearly labeled.</td>
<td>• Report contains <strong>most</strong> of the criteria listed below. &lt;br&gt; • The report is well organized. &lt;br&gt; • The report contains the five elements required for acceptance, clearly labeled.</td>
<td>• Report contains the <strong>five</strong> elements required for acceptance, clearly labeled. (1, 2, 3, 4 &amp; 6)</td>
<td>• Report submitted, but does not contain all five elements required for acceptance.</td>
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Project elements and criteria (*required element)

1. Title*
   a. Concise (less than 15 words)
   b. Summarizes paper’s content

2. Summary*
   a. The problem
   b. Research questions
   c. Conclusions

3. Research Questions*
   a. Include why they are important and are of scientific interest
   b. Concern some aspect of Earth’s environment (local or global issue)
   c. Are answerable through scientific research appropriate to the scope of the report.

4. Research Methods*
   a. There is a direct link provided between the datasets and research question(s)
   b. Data collection: A description of GLOBE protocols used to answer the research question as well as where and how data was gathered in the field (sampling method: Where, how many samples were measured)
   c. The data presented are sufficient to answer the research question(s)

5. Results
   a. Tables and graphics of data
   b. Data support the conclusions

6. Conclusion*
   a. Gives a thoughtful explanation as to how the conclusion was reached
   b. Put findings in context, stating why they are important or relevant
   c. Impact of working with a project mentor