

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

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

★★★★	★★★	★★	★	
<ul style="list-style-type: none"> <li>• Report contains <b>all</b> of the criteria listed below and makes clear <b>connections</b> among them.</li> <li>• The report is well organized, neat and well presented.</li> <li>• The writing is <b>clear</b> and <b>focused</b>.</li> <li>• The report contains the five elements required for acceptance, clearly labeled.</li> </ul>	<ul style="list-style-type: none"> <li>• Report contains <b>all</b> of the elements and <b>most</b> of the criteria listed below.</li> <li>• The report is well organized, neat and well presented.</li> <li>• The writing is <b>clear</b>.</li> <li>• The report contains the five elements required for acceptance, clearly labeled.</li> </ul>	<ul style="list-style-type: none"> <li>• Report contains <b>most</b> of the criteria listed below.</li> <li>• The report is well organized.</li> <li>• The report contains the five elements required for acceptance, clearly labeled.</li> </ul>	<ul style="list-style-type: none"> <li>• Report contains the <b>five</b> elements required for acceptance, clearly labeled. (1, 2, 3, 4 &amp; 6)</li> </ul>	<ul style="list-style-type: none"> <li>• Report submitted, but does not contain all five elements required for acceptance.</li> </ul>

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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**