PEER REVIEW OVERVIEW
GLOBE 2019 Student Research Symposia
During the Poster Session you will be reviewing each other’s research using a Peer Review Feedback Form.

So... what is peer review?

When professional scientists submit their work to a scientific journal, other scientists, or peer reviewers, read the article and provide feedback. This helps the editor decide whether or not to publish the research paper.

Peer review is basically a way to double check a scientist’s work - Did they use well-designed methods? Did they back up their claims with evidence? Do they have good organization and clarity?

Your job as a Peer Reviewer is to provide useful feedback to your peers.
<table>
<thead>
<tr>
<th>Project Number</th>
<th>Strength</th>
<th>Question</th>
<th>Area for Improvement</th>
<th>Wow Factor!</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>What was one of the strongest aspects of the project?</td>
<td>What question do you have about their research?</td>
<td>What could they do to improve their project?</td>
<td>Where did the team really shine or excel?</td>
</tr>
<tr>
<td>EXAMPLE:</td>
<td>Graphs were well done and data were presented clearly.</td>
<td>Do you have ideas for next steps in your research?</td>
<td>Could collect data from a larger area for comparison.</td>
<td>Presentation was fantastic! All team members contributed.</td>
</tr>
</tbody>
</table>
Below are real examples from the 2017 and 2018 SRS Peer Review

- Which one gives the most helpful review? Why?
- What could the peer reviewers have done differently?

<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Strength</th>
<th>Question?</th>
<th>Area for improvement:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hydrilla facts</td>
<td>What caused the droughts?</td>
<td>Present it better</td>
</tr>
<tr>
<td>2</td>
<td>Charts and tables are very clear</td>
<td>What was your sample size?</td>
<td>Try bullet points instead of paragraphs to break up the space on the poster</td>
</tr>
<tr>
<td>3</td>
<td>Good idea</td>
<td>Research methods?</td>
<td>It was really good</td>
</tr>
</tbody>
</table>
When you are reviewing someone’s poster:

- **Listen to their presentation** - Be an active listener, make eye contact, focus on what they are saying

- **Engage in questions and conversation** - Is there anything that you don’t understand? That is really creative or well done?

- **Give Specific Written Comments**
  - “It would be neat to try the same measurements in the spring”
  - “Variables were not labeled on the graph”
  - “Try using your own words instead of reading off the poster”

- **Be Kind and Respectful** - Keep the Code of Conduct in mind
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**Remember - your comments will be given to the team so they can improve their work.**
THINK before you comment!

T – is it True?
H – is it Helpful?
I – is it Inspiring?
N – is it Necessary?
K – is it Kind?