

Suggested Questions for the Judges

<p><i>Background Knowledge</i></p>
<p>Why did you decide on this research? What is the purpose of your project? What resource did you find that was helpful?</p>
<p><i>Experimental Design</i></p>
<p>What was your hypothesis? What variable did you intentionally change? What response did you observe or measure? What did you intentionally keep the same? What group did you compare the others against? Why? How many times did you repeat the experiment?</p>
<p><i>Materials and Methods</i></p>
<p>What materials did you use? What steps did you follow in conducting the experiment? If you had a mentor, in what ways did the mentor assist you?</p>
<p><i>Results-Conclusion</i></p>
<p>What results did you find? How did your results relate to your original hypothesis? What conclusions did you make? If you conducted the experiment again, what would you do differently? What additional experiments would you suggest? Which groups in the community would be interested in your research? What recommendations would you make to these groups? What was the most important thing you learned from the experiment?</p>

From Cothron, Giese, & Rezba. Students and Research, Kendall/Hunt, 1989.