

Suggested Judges' Questions

You may use or adapt any of the following open-end questions with students to evaluate their projects. Some questions may be more or less appropriate for some types of projects. Questions near the latter part of the list may be more challenging for students to answer well and offer an opportunity for you to illicit more revealing responses. Feel free to ask any relevant follow-up questions you desire.

- 1. Why did you choose to do this project?**
- 2. What did you learn from your experience?**
- 3. What kind of help did you need to complete the project?**
- 4. What was the most difficult part of your project?**
- 5. Did anything surprise you during your project?**
- 6. What was the purpose of your experiment?**
- 7. How did you form the question your research was designed to answer?**
- 8. What kind of background research did you do to prepare for your project?**
- 9. How did you choose your variables?**
- 10. How did you collect your data?**
- 11. If you were to do the project again, what would you do differently?**
- 12. What kind of ideas do you have for future research?**
- 13. What conclusions can you draw from your graphs?**
- 14. What kind of statistical analysis did you use and what conclusions did you draw?**
- 15. What controls did you use in your project and why were they important?**
- 16. How strong was the relationship between your variables?**
- 17. How certain are you of your results and what do they imply?**
- 18. How confident, statistically speaking, are you in your conclusions?**
- 19. How was your research influenced by other research studies?**
- 20. How is your research similar to and different from related research studies?**
- 21. What are the practical implications of your research?**
- 22. What factors limit your ability to generalize the results of your study?**
- 23. What other factors could have impacted your data?**
- 24. How did you prevent other variables from influencing your results?**
- 25. What specific techniques or equipment (repeated trials, random sampling and/or assignment, digital probes, microscopy, etc.) did you use and how did they contribute to your confidence in your conclusions?**