



Evaluation Resources

# Intel International Science and Engineering Fair (Intel ISEF)

## Teacher Interview Protocol



IN COOPERATION WITH

Arizona State University,  
College of Teacher Education  
and Leadership

Developed by Arizona State University, College of Teacher Education and Leadership in collaboration with Intel Corporation for the Intel Education Initiative

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# Intel ISEF Teacher Interview Protocol

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Interviewer: Nancy Peter Ron Heather Jon Interview Number \_\_\_\_

Intro: Excuse me are you a teacher or a regional fair director? (If teacher, proceed.) My name is \_\_\_\_ and I am with Arizona State University. Intel has asked us to collect information so they can evaluate the Intel ISEF program. Can I ask you some questions?

1. What classes do you teach?
  
  
  
  
  
  
  
  
  
  
2. Are any of your students Intel ISEF finalists?
  
  
  
  
  
  
  
  
  
  
3. Describe your connection to them. (in your class, in a science club, past student)
  
  
  
  
  
  
  
  
  
  
4. How long have you been involved with science fairs as a teacher?
  
  
  
  
  
  
  
  
  
  
5. Why are you involved?
  
  
  
  
  
  
  
  
  
  
6. What are the benefits of science fairs to students?
  - a. Give an example.

7. What is it that makes schools successful in producing Intel ISEF finalists?
  
8. What process do you use to help students choose the problems they investigate?
  
9. Do you ever have to give them the problem?
  
10. What kinds of resources help your students to succeed? (Science Labs, Technology, External Resources, Mentors, Science Materials)
  
11. If a teacher wanted to get involved with science fairs, what advice would you give them concerning how to help students produce winning projects?
  
12. How do science fairs prepare your students to be productive in the 21st century?
  
13. How does your work with science fairs link to the education standards in your state/country?
  
14. What percent of your teaching is guided by state/country standards?

15. How many project-based experiences do you assign to your students each year?

16. Explain the differences between what you do in your regular classes and what you (might) do in a science fair research class.