

2025 IRVINGTON SCIENCE FAIR

Typical Questions from Science Fair Judges

Judges will most likely ask 3 questions but be prepared to answer any of the questions relevant to your school/ grade level.

Dows Lane: #1-6, 21 | Main Street: # 1-6, 16-22 | MS/HS: #1-22

1. Where did you get this idea?
2. How did you come up with this title?
3. Who helped you?
4. What research did you do (what was your experiment)?
5. What was your hypothesis (idea)?
6. Why did you think that would happen?
7. What was your control?
8. What did you measure and how?
9. How did you calculate that result?
10. Why did you choose that amount, (or measurement, or piece of equipment, etc.)?
11. How many times did you replicate the experiment?
12. Did the results change when you replicated the experiment?
13. What does that graph tell you?
14. What were your independent and dependent variables?
15. How variable were your results and what might explain the variability?
16. Did your experiment support your hypothesis?
17. What did you base your conclusion on?
18. Why/How are your findings important?
19. Who might want to know this information?
20. What would be the next experiment you would do?
21. What was the hardest part (or most fun, or most exciting, or most surprising, etc.)?
22. If you had to do it all over again, is there anything you would do differently?