

Arizona Science Lab

Questionnaire on Learning Outcome of _____ Workshop on _____

Teacher _____ Grade _____ E-mail _____

Please share your frank and honest opinions with us and evaluate the experience you had with the Arizona Science Lab workshop session. Check all responses that apply and add any explanatory comments or information you'd like us to know in the box at the end. We appreciate your input and will be using it to make improvements to present and future workshops. Thanks.

Lecture

1. Did the starting point match the students previous knowledge?
 - Repeated too much of what they already knew and got boring.
 - Was a good match – picked up where previous school instruction left off.
 - Assumed too much, made for confusion and left the students scrambling.
2. Was there the right amount of introductory historical background ?
 - Long, tedious or repetitive
 - Wasn't important
 - About right
 - Too short or rushed.
 - Interesting and informative
3. Was the lecture content (theory and technical topics) appropriate?
 - Less instructive and helpful than expected
 - There seemed to be gaps in the coverage
 - It was well-connected and appropriate
4. Was the lecture understandable or were there ideas that were difficult to pick up.
 - Pretty baffling or boring
 - Some things were obscure or not explained well enough
 - Mostly clear or became clear
 - No problems
5. Were the demos (instructor performed for everyone) relevant and useful?
 - They seemed beside the point
 - They didn't really contribute much to understanding the subject
 - Some were good, some weren't
 - They showed principles at work very well
 - There should be more demos

6. How well were the demos presented?
- Some or all couldn't be seen well or were hard to follow
 - Some didn't work properly, had problems or the instructor wasn't very skilled
 - They were okay
 - Well done and interesting
7. Did the ways that engineers solve problems or invent things to make working devices come across?
- Didn't notice them
 - Somewhat
 - Learned a lot about how engineers work
8. What was the student reaction to the lecture part?
Estimated % expressing following sentiments:
____ It sucked; ____ Boring; ____ Okay; ____ Cool; ____Awesome

Workshop

9. Was the workshop (student assignment) at the proper skill level?
- Too simplistic; not challenging enough
 - Good match for their skills
 - Some parts too difficult
 - Could have used more guidance and construction tips before starting
10. Did the workshop offer important lessons?
- Could have aligned better with the desired lesson
 - Illustrated the principles and applied science/engineering pretty well
 - Interesting, educational and fun
11. How good were the engineer helpers?
- Not very good - could have done without them
 - Were fairly helpful
 - Some were helpful, others weren't or couldn't help
 - Really helpful and good teachers
12. Was the workshop organized well enough?
- Too disorganized; had trouble understanding what to do
 - Some parts were confusing
 - Had trouble with some materials or tools
 - Fairly well organized and run
 - Well organized and run

13. Was the actual workshop what you expected or wanted?
- Off the mark
 - Mostly, but I would like to have had some parts different (Please comment)
 - Pretty well
 - Met or exceeded what I expected
14. What was the student reaction to the workshop part?
Estimated % expressing following sentiments:
_____ It sucked; _____ Boring; _____ Okay; _____ Cool; _____ Awesome
15. Would you come to other workshops or recommend them to other teachers?
- No. Wasn't worth the time.
 - Maybe, if improvements were made.
 - Yes, but would suggest some changes (Please comment)
 - Definitely. A good investment of our time.

Comments: (Refer to question number)