

Questions to Ask

Clarification Questions

- How do you know...?
- Where did you get...?
- Why did you do...?
- What does ... tell you?
- What does ... mean?
- Where on your (graph, diagram)...?

Extension Questions

- What if we changed...?
- How is this problem different from/similar to...?
- Is there another way to do this?
- What is key to solving this problem?

Lab Presentation

In a high quality presentation:

- The whiteboard can be easily read by all in the room
- The speaker clearly identifies the purpose and conditions under which the experiment was performed

Lab Results:

- All numbers and graphs are labeled with appropriate units
- The derivation of mathematical expressions is complete
- The speaker concisely summarizes your lab group's results
- The speaker provides intelligent responses to questions posed by the class and teacher

Whiteboard Presentation

- The whiteboard can be easily read by all in the room
- The speaker clearly identifies the purpose and conditions under which the experiment was performed
- There is a labeled diagram of the situation (when appropriate)
- All number and graphs have the appropriate units
- Underlying assumptions used in the choice of a model or the use of an equation are explained
- The speaker provides intelligent responses to questions posed by the class and teacher