

THREE PARTS OF A LAB

PRE-LAB

Before any investigation, students should consider what they're investigating, how it fits into what they've learned, predict the outcome, and consider safety.



Questions



Discuss Safety



Predictions



Hypothesis

LAB EXPERIENCE

During the investigation, students should consider the variables that will allow them to draw conclusions. Safely collecting data and using appropriate technology is important.



Observe



Measure



Classify



Record Data

POST-LAB

Students now must consider what their data means. Was the experiment successful? Should it be done again? Do the data make sense? Students should be able to articulate something they learned from the experience.



Analyze &
Interpret Data



Evaluate
Effectiveness



Formulate
Models



Communicate
Findings



Compare
Results



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