

Self-Assessment Checklist 1: Inquiry Skills

Name _____

Place a check mark under the appropriate column.

	Yes	No
Initiating (Questioning and Hypothesizing)		
• Do I understand the task?		
• Do I have a testable hypothesis?		
Planning		
• Have I developed a clear set of procedures to follow?		
• Do I know what variables I need to control?		
Conducting and Recording		
• Have I followed the procedures that I set out in my plan?		
• Do I know how to perform all of the procedures safely?		
• Do I know how to use all of the tools, equipment, and materials?		
• Have I made enough observations to produce good data?		
• Have I recorded the relevant data in an organized way?		
• Did I modify my plan when I needed to?		
Analyzing and Interpreting		
• Have I analyzed the data correctly?		
• Do my conclusions match the data?		
• Have I evaluated the quality of the evidence I gathered?		
• Have I compared my results with my original prediction and hypothesis?		
• If I didn't get the results I was expecting, can I say what I should have done differently?		
Communicating		
• Is the information complete and detailed enough?		
• Is the information organized so others can understand it?		
• Have I used the correct units of measure and terminology?		
• Have I summarized the information in the assigned format? (e.g., lab report, pamphlet, oral presentation)		
• Have I used information technology effectively? (e.g., computer, overhead projector)		