

4-5 Checklist

Science Skills/Concepts: Evidences an Understanding of the Scientific Method	Complete	Incomplete or missing
Question		
Complete sentence with question mark		
Hypothesis		
Complete sentence begins with "I think/predict"		
Includes all question words (nothing more!)		
Materials		
Numbered, detailed list		
All tools needed and specific measurements are included		
Diagram		
Complete diagram of the set up		
Manipulated and controlled variables are labeled		
Variables		
Controlled variables		
One manipulated variable (what you changed)		
One responding variable (what is being measured)		
Procedure		
Numbered list of steps in order		
Steps or trials are repeated		
Data to measure and record is included along with how often		
Data/Results		
What happened in each trial is recorded through a data table, pictures, and/or words		
Conclusion		
State whether hypothesis is supported or not supported		
State what happened		
Explain the data from smallest to largest		
Compare the difference between the data		
Reflection		
What did you learn?		
What question(s) do you still have?		
What challenges did you face?		
If you were to do this again, what would you change?		
Follows Directions:		
Project is well displayed		
Writing is legible and neat		
Steps are clearly marked		
Writing: Conventions		
Correct spelling		
Correct punctuation and capitalization		