



Assessment Checklist for the Scientific Process

Criteria:

Proficient	Basic	Needs work
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1. Develops quality questions.
2. Exhibits evidence of using their senses.
3. Records observations in journal.
4. States a clear hypothesis.
5. List all materials used.
6. Procedure is written in a step-by-step format.
7. Data is complete and organized.
8. Controls are correct.
9. Only one variable was manipulated.
10. Created a graph that represents the data.
11. Works well with others.
12. Journal shows growth of knowledge.
13. Can explain fully the knowledge gained.
14. Can give basic information about the topic studied.
15. Can calculate the math required in the study.
16. Can apply what they learned to the world they live in.
17. Relates what they learned to the 1930s in Nebraska.
18. Uses instruments correctly in the collection of data.
19. Applies ideas in new or unique ways.
20. Presents materials accurately and in an organized manner.
21. Science information is accurate.