

SCIENCE NOTEBOOK SCORING GUIDE

Your science notebook will be used as a record of your learning in this class. I will assess them several times during the quarter to see how well you understand recent studies in science class.

Below you will find the criteria to achieve each of the 3 levels for your science notebook. You might notice that the highest level (3) will earn you a numerical score of only 85%. The remaining 15% can only be earned by completing (with some obvious effort and accuracy) all of the optional assignments given during the quarter. These optional assignments ***could include but are not limited to:***

- Related science articles
- Independent investigation / experimentation
- Research about related topics in science

So, let's say for instance that you earn a level 2 (75%) on your science notebook. If you complete all optional assignments (completely and accurately) your final score will be $(75\%+15\%) = 90\%$. If you do not complete the optional assignments (or they are incomplete or inaccurate), your final score remains 75%. ***** Optional assignments should be attempted after your notebook is complete and up-to-date. The idea is to attempt to meet the standard (level 3) before you try to exceed the standard.***

LEVEL 3

My science notebook... (85)

- is complete.
- is scientifically accurate.
- demonstrates ***competence all of the time*** in the use of the following inquiry skills: (asking questions, research, predicting, designing investigations, measurement, collection and manipulation of data, graphing, interpretation and analysis of data.)
- is well-organized.
- is visually exciting.
- contains quality ideas, examples, information, and evidence.
- shows much evidence of the use of problem solving, decision making, and higher order thinking skills.

LEVEL 2

My science notebook... (75)

- contains a few minor incomplete entries.
- the majority is scientifically accurate – but may contain a couple of minor inaccuracies.
- demonstrates ***competence most of the time*** in the use of the following inquiry skills: (asking questions, research, predicting, designing investigations, measurement, collection and manipulation of data, graphing, interpretation and analysis of data.)
- is somewhat organized.
- is somewhat interesting.
- contains some quality ideas, examples, information, and evidence.
- shows some evidence of the use of problem solving, decision making, and higher order thinking skills.

LEVEL 1

My science notebook... (65)

- is incomplete.
- contains several inaccuracies.
- ***does not demonstrate competence*** in the use of the following inquiry skills: (asking questions, research, predicting, designing investigations, measurement, collection and manipulation of data, graphing, interpretation and analysis of data.)
- lacks any organization.
- is not very interesting at all.
- Major ideas, examples, information, and evidence missing.
- No evidence of the use of problem solving, decision making, and higher order thinking skills.