

Grading Guidelines: Red Team Science

The curriculum in Eighth Grade Science at Mount Nittany Middle School has been developed based on learning standards set forth by the State of Pennsylvania, Next Generation Science Standards (NGSS) and SCASD curriculum guidelines. Class learning activities, assignments, and assessments will be based on these standards. Standards-based grading allows students to see their strengths and work on areas of need. Grades in the class also will be based on how well students perform relative to these science standards on summative assessments, assignment completion, and lab notebook. The percentage breakdown for these three areas for each marking period will be as follows:

70% Summative Assessments
20% Completion of All Assignments
10% Lab Notebook

Summative Assessments (i.e., labs, projects, CER prompts, quizzes and tests) will make up 70% of a student's total marking period grade. Each assessment will be graded on a 4-point scale for each standard that applies to that particular assignment. (A basic rubric is on the back of this paper.)

If a student is unhappy with the grade the student has earned for any standard, the student may show me through a revision* that the student understands the concept and I will change that grade to reflect the student's current understanding. Revision will vary depending on the assignment. Therefore, a student should come talk to me about what is an appropriate revision. **

*** Revisions may only be made if a student has turned in a completed assignment by the due date and has earned a 2/4 or above on the assignment.**

**** If the original score is less than a 2/4, this means the assignment is missing or incomplete. The student will receive a 0 or a 1 out of 4 depending on how much is completed, and no revisions will be allowed for late or incomplete assignments.**

Completion of All Assignments will make up 20% of a student's total marking period grade. This category builds accountability for completing and turning in all assignments. This includes small, non-summative assignments given as classwork or homework, as well as summative assessments. Non-summative assignments will be checked for completion and we will go over answers in class. It is the student's responsibility to check answers and participate in discussions about the concepts. For every missing/late assignment the total percentage out of 20 will be lowered.
(A table of points is on the back of this paper.)

Lab Notebook grades will make up 10% of a student's total marking period grade. Throughout the marking period I will collect your notebook and check to see if you are writing down journals, summaries and taking class notes about labs and activities.

20% - Points Earned for Assignment Completion

Number of Missing/Late Assignments	Percentage Earned	Number of Missing/Late Assignments	Percentage Earned
0 to 1	20%	4 to 5	10%
2	18%	6 to 8	5%
3	15%	More than 8	0%

70% - Summative Assessments/Standards Rubric

4 - Point Scale	Description	%	Reported Score in Gradebook
4	Demonstrates <u>repeated</u> mastery of the assessed skill through clear detailed explanations and accurate work, <u>without assistance</u> .	100%	4
3.5		93%	3.7
3	Student demonstrates understanding of the assessed skill by providing a complete explanation. A minor error may occur or some details may be missing, but this does not distract from the student's overall understanding of the concept.	85%	3.4
2.5		78%	3.1
2	Some understanding of the assessed concept is demonstrated with limited work shown or a partial explanation given.	70%	2.8
1.5		63%	2.5
1	Beginning understanding of the assessed concept is demonstrated. <u>Or an incomplete/missing assignment was turned in late.</u>	55%	2.2
0	No attempt made to demonstrate ability.	No Credit	0