

Newton's Laws of Motion Project Grading Rubric – IB Physics SL Y1 – Spring 2015

Due: Thursday, February 19, 2015 (3A) and Friday, February 20, 2015 (1B)

Student Name: _____ **Period:** _____

Newton's Laws Project Rubric: (Reference: <http://www.physicsclassroom.com/Physics-Tutorial/Newton-s-Laws>)

<u>Concept</u> <i>Topic discussed</i>	<u>Product</u> <i>(#; if 17 provide description)</i>	<u>Self-Assessment Grade</u> <i>What grade do you deserve based on project rubric (0-5)</i>	<u>Peer Grade #1</u> <i>Grade provided by peer #1 (0-5)</i>	<u>Peer Grade #2</u> <i>Grade provided by peer #2 (0-5)</i>	<u>Final Grade</u> <i>Grade provided by Ms. Grant (0-5)</i>
<i>Example</i>	6	4	3	5	4/5
Newton's 1st Law					/5
Force (Meaning)					/5
Force (Types)					/5
Free Body Diag.					/5
Net Force					/5
Newton's 2nd Law					/5
Newton's 3rd Law					/5
Final Grade:					/35

Products (Each product can only be used for one required topic)

- | | |
|---------------------------------|---------------------------------|
| 1. Fold It 1 | 9. T-shirt Art |
| 2. Fold It 2 | 10. Equation Bookmark |
| 3. Fold It 4 | 11. Song or Rap |
| 4. Bull's Eye Comparison | 12. Limerick |
| 5. The Ring of Truth | 13. Tatto or Body Art |
| 6. Grasping a Concept | 14. Acrostic Poem |
| 7. Lost and Found | 15. Public Service Announcement |
| 8. Single Frame Cartoon Project | 16. Magazine Ad |

Grading Rubric (Each product will be graded on the following 5-point scale)

5 Points - (a WOW product)

- all of the requirements are evident and EXCEEDED
- the product is VERY neatly done and EXTREMELY well organized
- the product shows LOTS of creativity and is colorfully illustrated
- completed on time

4 Points - (What is EXPECTED)

- all of the requirements are evident
- the product is neatly done and well organized
- the product shows creativity and is colorfully illustrated
- completed on time

3 Points – (Almost What is EXPECTED)

- the requirements are evident (maybe 1 or 2 are missing)
- the product is neatly done and organized
- the product shows some creativity and is illustrated
- completed on time

2 Points – (Sort of What is EXPECTED)

- the requirements are evident (maybe 3 or 4 are missing)
- the product is done and sort of organized
- the product shows little creativity and is illustrated
- completed on time

1 Point – (Two or More parts is missing)

- MANY of the requirements are NOT PRESENT
- the product is VERY POORLY done and POORLY organized
- the product shows little TO NO creativity and THE illustrations IS POORLY DONE

0 Points - (Does not meet Standards)

- Cannot be graded or no product