

Name \_\_\_\_\_  
Period \_\_\_\_\_

Date \_\_\_\_\_  
Benchmark 10.3

The student knows that an object that is not being subjected to a force will continue to move in a straight line at a constant speed and the effects of balanced and unbalanced forces on an object's motion

To get a:

4 – The assessment clearly shows that the student understands Newton's three Laws of Gravity by demonstrating it in several lab activities, online work, and on a comprehensive test.

3 – One or more of the elements listed above are missing. The assessment is turned in late.

2 – The student does not demonstrate a clear understanding of the benchmark; several errors made; several elements left out; the assessment was poorly done; the assessment was turned in late.

1 – The assessment is not what was required.

Students will complete and turn in their notebooks with several questions about the reading on Physics Classroom, complete and turn in a series of labs about each of the Laws of Motion, and take a test after all the material for this benchmark has been presented in class. Students who fail to turn in the lab activities or notebooks must make up the missing grades by completing and turning in an assessment they choose from the list below.

1. Create a graphic (includes pictures) webpage.
2. Create a blog. Entries must be added every day or two. Pre-approval required.
3. Create a comic strip.
4. Write a short story.
5. Write a poem.
6. Create a graphic children's book.
7. Create a graphic poster on a standard 22 by 28-inch poster board.
8. Create a PowerPoint or Google Slide presentation that includes pictures.
9. Create a video or movie (no trailers).
10. Create a "science talk show" and be the subject of an interview about the topic. This can be done by two people.
11. Create a live character (costumes and accents encouraged), and do a presentation to the class that includes a question and answer time with the students.
12. Create a game that students can play in class. (no crosswords or word search puzzles)
13. Create an assessment that could be given to students to test their knowledge and understanding of the benchmark. The assessment must include an answer key. (no Quizlets, Quiziz, Jeopardy or similar online games)
14. Create your own assessment. (Get teacher approval first!)