

Motion, Forces and Energy

You must choose any 5 squares, including the center square. This is a quarter long project. We will be working on it during class, but you will also need to put in some time at home as well. Do not procrastinate, the due date for this project is _____.

<p>Create an artistic piece that looks like Isaac Newton. Include a fact sheet about Isaac Newton.</p>	<p>Create 3 mini books that give examples of the topics covered in chapters 1, 2 or 4.</p>	<p>Use quizlet.com to create a study guide for you and your classmates for chapters 1, 2 or 4. You should have 15 –20 cards/concepts. Include an image for your cards to help explain the concept.</p>
<p>Create a game that you can share via google docs with your classmates. The game must include facts from Chapter 1, 2 or 4.</p>	<p>Use storybird.com to create a story regarding concepts from Chapters 1, 2 or 4.</p>	<p>Create a catapult . Bring in the catapult and have it launch a marshmallow. Exhibit 3 different trials. Write in detail how you created your catapult, record the longest distance achieved, and state how a catapult can be used in the discussion of motion.</p>
<p>Use Voki.com to create a cartoon. You must use a concept from Chapter 1, 2 or 4.</p>	<p>Presentation Of One Section In Chapters One, Chapter Two or Chapter Four</p>	<p>Solve the logic puzzle on this site. Print it out. http://thebestofteacherentrepreneurs.blogspot.com/2011/11/free-science-lesson-newtons-2nd-law-of.html Use the formulas in Chapters 1, 2, or 4 to create two logic puzzles of your own. Each puzzle should have at least 10 steps.</p>
<p>Look at the webquest and complete tasks 1, 2 and 3. Complete the worksheets that goes with each. http://www.questgarden.com/86/07/1/100228175329/process.htm</p>	<p>Create a Rube Goldberg machine of your own. It must last at least 30 seconds and have at least 3 different types of simple machines.</p>	<p>Use www.qrstuff.com to create 10 QR codes that will take us to different places involving something from Chapter 1, 2 or 4. This can be videos, lab experiments, cartoons, or great web sites. Make sure your QR codes give a variety sites to visit.</p>
<p>Write an expository essay about Isaac Newton. Make sure you include date of birth, death and major life accomplishments. Remember a good expository essay contains at least 5 paragraphs and each paragraph is at least 5-7 sentences. Include what his contributions are to the physics world of motion, forces and energy.</p>	<p>Write an expository essay about Rube Goldberg. Make sure you include date of birth, death and major life accomplishments. Remember a good expository essay contains at least 5 paragraphs and each paragraph is at least 5-7 sentences. Include what his contributions are to the physics world of motion, forces and energy.</p>	<p>Compare and contrast the amusement park rides on this site—what do they have to do with Newton’s laws of physics. http://www.learner.org/interactives/parkphysics/freefall.html</p>