

Name \_\_\_\_\_

Due Date \_\_\_\_\_

Hour \_\_\_\_\_

## Energy Comic Strip

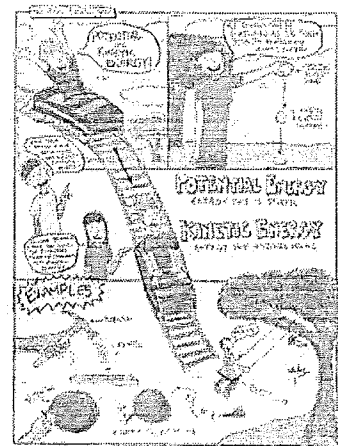
We read comic strips because they are funny and entertaining, but some comic strips can be used to tell a story.

You have been hired by a company that is looking to make science education more appealing to the public. They would like you to create some sort of comic strip to demonstrate a situation that involves energy. The comic strip does not have to be a traditional comic strip; if you prefer to work on a computer you can use the storyboard software or something similar (just let us know), but you do need to create the pictures yourselves. You can connect the different panels in a creative way!

**Objective:** Draw a comic strip that accurately depicts the relationships between energy and speed.

**Materials:** 8  $\frac{1}{2}$  x 11 blank paper  
Your own coloring supplies

**Procedure:**



1. Your comic strip must no less than 4 frames in length (it can be more)
2. Include a title, your name & hour
3. Include colored illustrations (hand drawn) in each frame depicting some form of energy, energy transfer, or relationship.
4. Feature short captions or word bubbles (in complete sentences) that provide details about what is occurring in your comic.
5. Include (at least 1 time) the following terms in your comic, (terms should be underlined):
  - ✓ Energy
  - ✓ Potential energy
  - ✓ Kinetic energy
  - ✓ Speed
  - ✓ At least 1 calculation
  - ✓ Explain any 3 relationships
6. Include dialogue bubbles for the characters in your comic strip.
7. Use your time well and wisely. This project is due at the end of class tomorrow (basically you have today tonight and tomorrow's to complete this assignment.)

## Energy COMIC RUBRIC

CATEGORY	4	3	2	1
<b>Content - Accuracy</b>	100% All facts in the comic are accurate.	80% of the facts in the comic are accurate.	60% of the facts in the comic are accurate.	Fewer than 60% of the facts in the comic are accurate.
<b>Writing - Storyline Physics Terms and Explanations</b>	All terms and 3 relationships are correctly explained.	All terms and 2 relationships are correctly explained.	All terms and 1 relationship is correctly explained.	No terms or relationships are explained.
<b>Physics Calculations</b>	The correct formula is used and the answer is correct.	The correct formula is used but the answer is incorrect.	The incorrect formula is used and the answer is incorrect.	There is not calculation
<b>Attractiveness &amp; Organization Graphics/Color</b>	The comic strip pictures and captions reflect an exceptional degree of student creativity. There is great attention to detail.	The comic strip is neat, organized, and shows significant effort. Good use of color and graphics.	The comic strip is neat and mostly complete. Minimal use of color and graphics.	The comic strip is not neat, organized, or may be incomplete.
<b>Time and Effort</b>	Class time was used wisely. Much time and effort went into the planning and design of the comic.	Class time was used wisely; however the student could have put in more time and effort in.	Class time was somewhat used wisely; however the student could have put more time and effort in	Class time was not used wisely.

**20 Total Points**