



# Physics

## Fall Semester

### Review Activity

Name \_\_\_\_\_

Teacher \_\_\_\_\_

Period \_\_\_\_\_

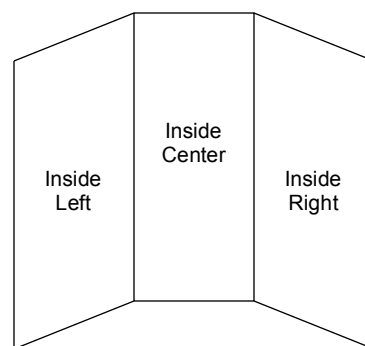
#### Directions

Create a one-page tri-fold brochure that illustrates the topics studied this semester as they apply to your everyday life. You studied the following topics this semester:

- Constant Motion
- Changing Motion
- 2D Motion
- Newton's Laws Uniform
- Circular Motion (UCM)
- Gravity
- Work and Energy

#### Requirements

- All 8 topics studied must be illustrated in your brochure, see above.
- You can only use the inside of the brochure to illustrate the topics studied.
- The cover of the brochure will be creativity designed to reflect your personality or theme of your brochure.
- The content may not overflow between sides (folds).
- Each topic must include an illustration. More than one topic can be illustrated together.
- Each illustration must include at least two of the following:
  - an applicable graph or FBD
  - related equations
  - a short explanation of applicable physics principles and concepts.
- The use of color is encouraged
- The brochure will be made using an 8.5" x 11" piece of paper. The brochure is 8.5" tall.
- Assignments with photographs or computer-generated images or text/equations will **NOT** be accepted.



#### Grading

Your brochure is due the day of your final exam.

- \_\_\_\_\_ Topics of Study  
(-10 points for each missing topic)
- \_\_\_\_\_ Illustrations  
(-5 points for each missing requirement)
- \_\_\_\_\_ Neatly Illustrated and Organized  
(zero to -30 points)
- \_\_\_\_\_ Front Cover  
(zero to -20 points)