

## Bad/Good Movie Physics or Cartoon Laws of Physics

The object of this assignment is to be able to recognize what laws of physics are being used in popular entertainment, or how the laws of physics are being abused.

You have been given a week to work on this, due on Wednesday, 4 days of class time. Since you have been given so much time I am expecting a high quality of work. This assignment should take a minimum of 2 hours to complete. If you have spent less than two hours working on it then you should be finding more examples. If all of your examples come from one clip you will need to find more clips that show multiple examples.

1. Decide if you are doing the Bad/Good Movie Physics or the Cartoon Laws of Physics.
2. Search for “Bad Movie Physics” or “Cartoon Laws of Physics”
3. Look at the sites that come up on the search.
4. Read about the examples they use and depending on the site look at the clips they have provided or watch them on Youtube.com to see what they are talking about.
5. Find other examples that have not been used that hit the topics on the sites.
  - a. Or find new topics not talked about and clips that go with them.
  - b. Or find examples of the opposite of what the sites talk about.
6. Once you find examples, make a word document and include the following:
  - a. First the site you used off of the Google search as background information.
  - b. Second state the bad / good physics or cartoon law you are using.
  - c. Third include the link for the clip you are using including the time when the important action occurs, e.g. From the 5:12 mark to the 5:45 mark of the video you will see ... yada yada yada.
  - d. Fourth explain how this relates to the topic you have chosen.
  - e. Fifth if you haven't already saved the document into the dropbox account with the file name being Lastname\_BadPhysics.doc or Lastname\_CartoonLaws.doc.
7. Include a log of all the clips you looked at with links to them, including the ones you didn't use.
8. Find enough quality examples that when I look at this work I believe it took 2 hours of honors level work. If in doubt add more examples.

