**Title of Observation, Author Name, Inquire Page # (replace this text)**

**Description of Observation**

Change this text to a description of your observation in your own words. You should include why this observation is noteworthy. Also include how you came across this example of physics, and/or why you chose it.

**Visual**

Replace this text with some sort of visual. Include a brief caption.  Your visual may be a photo, sketch, diagram, etc. or you may link to a video. Be sure to include a citation (such as a URL or text name and page) for any visual that you did not create yourself.

**Physics Principles at Work**

Change this text to a description of the physics principles exemplified by your observation. Use complete sentences and make reference to specific phenomena in your observation.

**Inquire**

Replace this text with **a question** that you could ask based on this observation. Your question or its solution should involve some numerical analysis. You do not have to answer the question at this point, but you should consider how realistic finding a solution would be.

**Assumptions and Data Required**

Replace this text with a list of the assumptions you would need to make in order to answer the question you proposed for this observation.  Include approximations you would need to make and data you would need to collect, either by looking up or by measurement. Where appropriate, comment on how you will make the estimations or where you will find the data. Remember: you don’t have to actually do the calculation or answer your question at this point, but you do need to think through it enough so that you can list the data and assumptions.