

Physics/Chemistry Photo Contest PROJECT

You will take a photograph of a phenomenon that illustrates a fundamental physics principle. You may use a film or digital camera. All entries must be printed and/or mounted to be considered for a grade or for the contest. The photograph must be taken by you, unless you are clearly identifiable in the picture. The photograph may not be altered by use of a software program. All photographs must be accompanied by a typed caption that explains what the image is, when and where it was taken and how the image relates to a topic in physics or chemistry. ONLY ONE ENTRY is allowed per student.

All entries that meet all of the qualifications specified below will be judged by an expert panel. Awards will be given as follows:

First Place (50 bonus points)

Second Place (30 bonus points)

Third Place (20 bonus points)

Honorable Mention (optional as determined by the judges) (10 bonus points)

Requirements:

If you meet all of the requirements stated below, you will earn a minimum of 5 Bonus Points for your efforts.

- 1) Photo is at least 4x6 inches, in focus, neatly mounted (or directly printed) flat on 8.5" x 11" piece of unlined white or colored paper. No decorations may hang off the paper. It must be one photograph, not a series of pictures. Photographs altered by use of computer software will not be graded.
- 2) If you are not clearly in the picture, there are two ways you can verify that you are the photographer: (1) You can submit a letter of verification by your parent (see attached), or (2) the picture can show something you possess (like a bag/purse or item of clothing) that you can bring to school to demonstrate ownership.
- 3) Caption describes what the image is, when and where it was taken, and name the photographer. Caption is same orientation as photo. Caption specifically and in detail explains how the image relates to a physics topic. The explanation should be at least four sentences and in the student's own words. The explanation must be correct. The caption must be typed in 14-point font and use correct spelling and grammar. The caption must be on the same side of the paper as the picture. It may not be typed on a separate piece of paper.
- 4) Name is on the back of the entry.

****additional points can be earned by students who submit unique ideas, creatively mount the picture, and/or demonstrate excellent writing skills and knowledge of physics. If a student is a 1st, 2nd, or 3rd place winner, they are not eligible for these additional points. Honorable Mention students are eligible for additional points in the rare event that it is recommended the project receive more than honorable mention rewards by the judges.

NO LATE SUBMISSIONS ACCEPTED! No Exceptions, No Quarter, No Mercy

Letter of verification of photo credit:

I verify that _____ (print student's name) took the picture submitted to the Physics Photo Contest. I understand that if the photo credit belongs to someone else, my student will get a zero on the project and a referral will be sent to the office for academic dishonesty.

Printed name _____

Circle One: Mother Father Guardian

Signature _____ Phone _____

Physics Photo Contest PROJECT Grading Sheet

Name _____

Photo clearly illustrates a physics concept (10 pts) _____

Photo is one image, at least 4x6 inches and in focus. (10 pts) _____

Photo is neatly mounted flat on 8.5x11 inch colored paper with no decorative items hanging off the paper. (10 pts) _____

Photograph was taken by the student OR student is in the picture (10 pts) _____
student in picture _____
letter of verification _____
personal item in the photo _____

Caption is typed in 14-point font using correct spelling and grammar (10 pts) _____

Caption is same orientation as photo, is mounted on the same side of the paper as the photo, and explains the image. (8 pts) _____

Caption includes photographer, location and date (12 pts) _____

Caption written is student's own words. Caption specifically and in detail describes correctly how the image relates to a physics topic. Minimum four sentences in explanation. (15 pts) _____

Name is on the back of the entry (5 pts) _____

Subtotal (up to 90 points) _____

Extra points for uniqueness of idea, creativity in presentation, writing skills, physics description. (up to 10) _____

NO LATE SUBMISSIONS ACCEPTED!

Total _____