

# Physics Photo Contest Extra Credit

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

Take a photograph of, and educate us on a Thanksgiving phenomenon (**aka: something in the natural world you observe during Thanksgiving Break that can be explained by science**). The photograph must be taken by you, unless you are clearly identifiable in the picture. You will do your absolute best to explain the science behind the phenomena. Use the concepts that we have learned about this year to explain the phenomena. Think about the possible topics shown in the [Topics Box](#) (Note: These are not the only acceptable topics, but its most of them.) Remember: ONLY ONE ENTRY per student

## **ENTRY QUALIFICATIONS:** (see specific Details about photo & caption at the bottom of document)

1. Photo MUST be Verifiable
2. You must turn in your verification/grading rubric form with your project.
3. Photo must be printed; a digital display must be approved by your instructor.
4. Photo must be mounted to something (wood, frame, bucket, t-shirt, tri-board, pillow, etc)
5. There must be a typed caption (no less than 140 words) **attached** to mount
6. Your name cannot be displayed on the project, see your teacher to be assigned a Number Code when you turn it in. This is for anonymity and making the voting process as fair as possible.

## **!!!GRAND PRIZE WINNERS!!!**

Summative bonus points go into the 60% category in the grade book

**First Place: GOLD MEDAL (50 Summative Bonus Points)**

**Second Place: SILVER Medal (40 Summative Bonus Pts)**

**Third Place: Bronze Medal (30 Summative Bonus Points)**

**Fourth Place: Blue Ribbon (20 Summative Bonus Points)**

**Fifth Place: Red Ribbon (15 Summative Bonus Points)**

**\*Honorable Mention: (10 Summative Bonus Points)**

**\*\*\*Participation Award (5 Summative Bonus Points)**

**\*Honorable Mention Prize:** All students who meet the minimum qualifications as detailed in the "Entry Qualifications" section, and submit their project by the deadline will qualify for Honorable Mention.

**\*\*\*Participation Award:** Students who participate, but fall short of entry guidelines, may earn the participation award, this award is given strictly based on Coach Hyde's judgment of the student's effort.

Topics
Astrophysics
Astronomy
Quantum Physics
Matter
Energy
Photons
Waves
Velocity
Acceleration
Gears
Units
Scientific Notation
0-4 Dimensions
Dimensional Analysis
Motion Graphs
Newton's Laws
Conservation Laws
Circuits
Ohm's Law

## **Photo/Caption Verification Requirements:**

- 1) **Photo Size is 4x6 inches or larger.** Photos smaller than 4x6 inches will only be accepted if approved by instructor prior to Friday 11/18/2022
- 2) **Hey!...It Must Be Your Picture,** or you at least got to be in it. If you are not clearly in the picture, there are two ways you can verify that you are the photographer:
  - You can print out and submit a letter of verification completed by your parent. Found on the next page!
  - 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 is Like, Scientific & Stuff!** The Caption is not copied from google, it is not Plagiarized, it is written in your own words. Caption is same orientation and on same side as photo. Caption specifically and in detail explains how the image relates to a physical Physics topic. The explanation must be correct (TRUE, not made up)

## **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 NOT get extra credit for the project and a referral will be sent to the office for academic dishonesty.

Printed Name of Parent/Guardian: \_\_\_\_\_

Signature \_\_\_\_\_ Phone \_\_\_\_\_