

RANGER SCIENCE FUND

SCIENCE IS A VERB

SCIENCE FOR ALL STUDENTS

CONSUMABLES AND EQUIPMENT

Imagine high school students using your kitchen and all of your bowls, gadgets, spices, and appliances every day. Just like in your kitchen, the Science Department glassware, supplies, and various pieces of equipment are handled and used for learning. Our programs are very hands-on and inquiry-based and need new inventory each year.

WHAT STUDENTS USE

- Cats for dissection in Human Anatomy and Physiology
- Reagents (substances or mixtures for use in chemical analysis or other reactions) for Chemistry courses
- Sample DNA and reagents for Biotechnology in AP Biology
- Casting materials for Forensic Science
- Sterile materials for bacteria studies in Biology
- Engineering and design materials in Physics
- Environmental test reagents in AP Environmental Science
- Independent research materials for student choice



HANDS-ON LEARNING

Students are active scientists in the classroom! True learning and understanding comes from experiences. The Central High School Science Department wants your student to be able to experiment and explore as much as possible. Their curiosity and learning will continue to grow with your help.

STUDENTS IN SCIENCE

Each year Central High School has many graduates who pursue further education in the science, technology, engineering, and math (STEM) fields. Several take multiple science courses throughout high school, going beyond what the state requires.

Dr. Cori Richards-Zawacki, FHC class of 1997, is a research scientist at the University of Pittsburgh. Her research focuses on the ecology, evolution, and conservation of amphibians. About her time at FHC she said:

I had some fantastic teachers and mentors at FHC who helped me develop my passion for science and math. The courses I took left me well prepared for success in college and beyond. Perhaps the most important thing I learned at FHC was to be confident in my ability to do science and math.

DIRECT IMPACT ON STUDENTS

ENDOWMENT

Central High School is seeking donations to build an endowment fund to supplement the Science Department's yearly budget. The goal is that **all materials provided by this endowment be put directly in the hands of students conducting real world scientific experimentation and inquiry to build their scientific knowledge.** We are seeking funds for steady long-term support for materials that will be used directly by our students.

BUDGET DECREASE

As funding for public education decreases and the cost of materials and educational supplies increase, the Science Department budget has seen a decline each year. In 2017/2018, our budget allowed us to spend a little over \$11.50 per student, which was not enough to meet our actual needs.

TAX DEDUCTIBLE

All gifts to the Ranger Science Fund are tax deductible. The funds will be held by the Forest Hills Public Schools Foundation, a 501(c)(3) charitable nonprofit organization.

FIND US ON FACEBOOK

Search and follow "Ranger Science Fund" for the latest updates on science in our classrooms.

QUESTIONS?

If you have any questions, please contact:

Jana Siminski, Forest Hills Public Schools Foundation,

jsiminski@fhps.net or

Kristy Butler, Central High School, kbutler@fhps.net



2018/2019 Ranger Science Fund

_____ Yes, I would like to support the Ranger Science Fund.

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Name on card: _____ Exp. _____ Code _____

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Please return to the Central High School office or mail to:
Forest Hills Public Schools Foundation, 600 Forest Hills Ave. SE, Grand Rapids, MI 49546