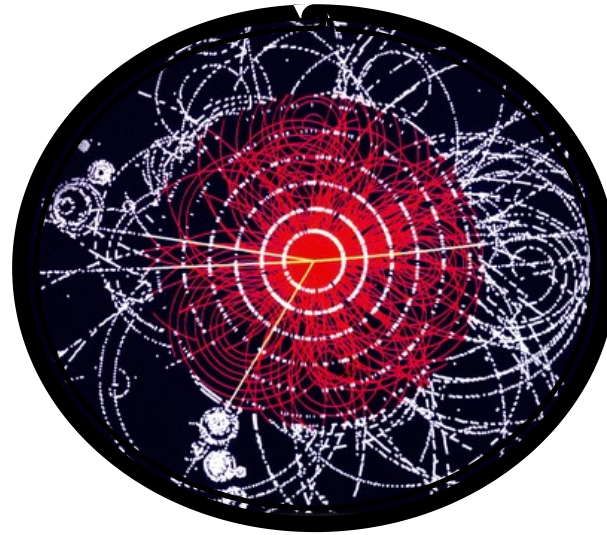


WHO should take AP Physics?

Students who are interested in engineering or careers in a scientific field should take high school Physics

Students who want to learn about the origin of the universe, or want to learn about astronomy should take Physics



Pike High School

AP Honor Roll School

25 years of
EXCELLENCE



AP Physics

For more information:

Mr. Darren Fox


Phone: (317) 387-4614

Email: Dmfox@pike.k12.in.us

Pike High School

Successful physics students are enrolled in advanced math classes and possess strong critical thinking skills.

Laboratory investigations are an important aspect of physics, thus students must be able to design experiments to solve problems.


**AP Physics
I & II**

Ms. Michelle Ulmer

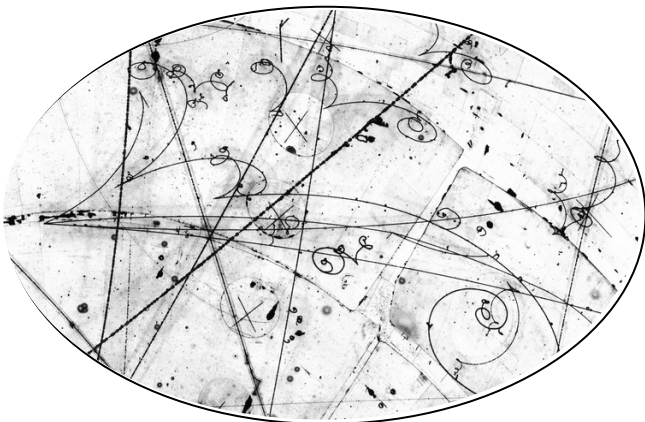
Mr. Darren Fox

WHY **take** AP Physics?

Physics is the study of the motion and interactions of all objects in the universe.

In AP Physics, you will learn about time travel and black holes, get to use lasers and build electrical circuits.

If you have ever wondered about the deep mysteries of the universe, physics is a course for you.



COURSE **objectives**

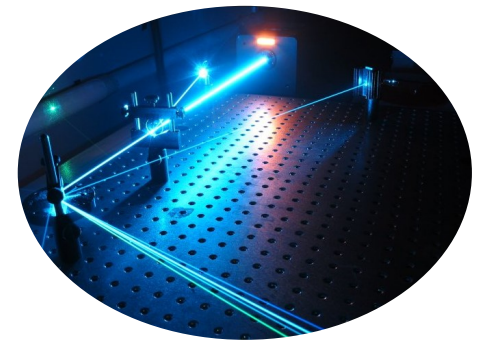
Students will discover the fundamental principals of the universe through mathematical calculation and physical experimentation.

All students taking AP Physics are expected to take the AP Physics exam in the spring.

COURSE **topics**

Kinematics
Dynamics
Conservation of Energy
Wave Properties of Light/Sound
Geometric Optics
Electric Fields
Circuits
Relativity

Atomic and Nuclear Physics
Astrophysics
Electromagnetism
Thermodynamics
Fluid Dynamics



COURSE **grades**

All tests and quizzes are AP test questions from previous years, thus they will be graded in a similar manner to the AP exam.

All tests and quizzes are cumulative and account for the largest part of students' semester grades.

