

# PHYSICS & AP PHYSICS 1

## PHYSICS TOPICS

- Motion & Forces
- Energy & Momentum
- Heat & Thermodynamics
- Waves & Sound
- Electricity & Magnetism
- Light & Optics

## AP PHYSICS 1 TOPICS

- Newtonian Mechanics
- Waves & Sound
- Electrical Circuits

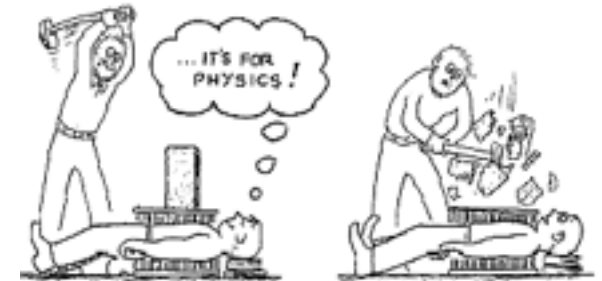
**COLLEGE BOUND?** The UC System recommends three years of laboratory science providing fundamental knowledge in foundational subjects: biology, chemistry, and PHYSICS.

Want to know why the sky is blue? Where rainbows come from? What power is? What light is? How sound works? What happens in a vacuum? What makes a curved ball curve? How planes take off? Whether the moon is falling?

What do you want to be when you grow up?

DOCTOR • ENGINEER • NURSE • DESIGNER  
ARCHITECT • WRITER • ASTRONOMER  
BIOLOGIST • VETERINARIAN • LAWYER • ARTIST  
COMPUTER SCIENTIST • CURATOR

To prepare for any profession that needs a college education, you should **TAKE PHYSICS**



## Prerequisites and Requirements

Physics: Math 1 & 2 (C or better)

AP Physics 1: Math 1 & 2 (C or better), currently enrolled in Math 3

# TAKE PHYSICS AND UNDERSTAND THE UNIVERSE