POPSMART ACADEMY
Imagine. Create. Ignite.

2026-27 SESSION

High School Science Program

A full year of rigorous, college-preparatory science across four core subjects. Below is an overview of the major units your student will explore in each subject this school year.

Physics
HIGH SCHOOL

1. Foundations of Physics
2. Kinematics
3. Newtonian Mechanics
4. Work, Energy & Power
5. Momentum
6. Rotational Motion
7. Gravitation
8. Oscillations & Waves
9. Sound
10. Optics
11. Electricity
12. Magnetism & Electromagnetism
13. Modern Physics

Biology
HIGH SCHOOL

1. Biochemistry
2. Cell Biology
3. Cellular Energy
4. Molecular Genetics
5. Cell Division
6. Classical Genetics
7. Biotechnology
8. Evolution
9. Diversity of Life
10. Human Anatomy & Physiology
11. Ecology

Chemistry
HIGH SCHOOL

1. Atomic Structure
2. Chemical Bonding
3. Chemical Reactions
4. Stoichiometry
5. States of Matter
6. Thermochemistry
7. Solutions
8. Chemical Equilibrium
9. Acids & Bases
10. Electrochemistry
11. Nuclear Chemistry
12. Organic Chemistry

Earth Science
HIGH SCHOOL

1. Earth Systems
2. Geology
3. Surface Processes
4. Natural Hazards
5. Meteorology
6. Climate Science
7. Oceanography
8. Astronomy
9. Stellar Astronomy
10. Galaxies
11. Cosmology

A year of discovery, built for future scientists.

Questions about the curriculum? Reach out to your instructor anytime.