

POSSIBLE SCIENCE ROUTES

BIOLOGY

A yearlong class where students will learn about the living world and our relationship to it. Topics covered are; characteristics of life, cells, metabolism, genetics, evolution, ecology, and sustainability. Students will explore these topics through labs, modeling, lectures, collaborative work, and practice activities.

BIOTECHNOLOGY

Teaches everything one would learn in biology with a focus on current biotech research and modern laboratory skills. Biotechnology is an exciting, fast-paced, and challenging course. Students participate in many hands-on real world experiences that the other classes don't offer. This class brings in professionals from the field to speak to and work with the class allowing students to build relationships with people from the industry. Students who are interested in pursuing careers in the medical or biotechnology fields should consider taking this course.

PRE-AP BIO/CHEM

This is a rigorous and fast-paced course designed to give students interested in science and intending to take AP Biology and/or AP Chemistry the strong foundation in content and scientific practices necessary to succeed. Students will participate in developing scientific questions, plan and implement scientific investigations, analyze data, and formulate scientific explanations in this demanding and engaging course.

THIS DOES NOT GIVE AP CREDIT



Students who have taken or will be taking Algebra 1 can also consider Chemistry their 9th grade year

Students who have taken or will be taking Algebra 2 can also consider Physics or AP Physics 1

All other science courses are recommended to have taken 1 year long high school level science course prior to taking those courses.