

2026-27 Science and Practical Arts

Science

*****Graduation Requirement for Science:**

Students must take 3 lab sciences, one biology, and two in DIFFERENT disciplines, Biology + a choice of two of the following: Chemistry, Physics, Environmental Science, Integrated Science.

AP	Only students on the list I provide will be scheduled for AP courses. No waivers.
Honors	Must meet all criteria, or strong teacher endorsement. Only waivers for those 'missing' data due to transfers, etc.
AP Bio	• A- in Bio H or A in CP6 • S1 Avg of A in current LAL CP, or A- in LAL Honors • Taking or completed Chemistry CP or higher • No quarterly grades in core academic courses lower than C • Teacher recommendation/Supervisor discretion
AP Chem	• A- in Chem H, A in CP • S1 Avg of A in current math and LAL CP, or A- in Honors • B+ in Alg2 CP • No quarterly grades in core academic courses lower than C • Teacher recommendation/Supervisor discretion
AP ES	• A- in Bio H or A in Bio CP6 • S1 Avg of A in current LAL CP, or A- in LAL Honors • Completion of Chemistry CP or higher • No quarterly grades in core academic courses lower than C • Teacher recommendation/Supervisor discretion
AP Phys	• A- in Physics or B+ in Physics H • B+ in Pre-Calculus • Concurrent enrollment or completion of Calculus • No quarterly grades in core academic courses lower than C • Teacher recommendation/Supervisor discretion
Doubling Up	https://forms.gle/m5BZt8e45Ko5VfmF8

Astronomy	• For Grades 11-12 • C in Biology CP, C- in Biology Honors
Biology Honors	• S1 avg of A- for 8401, A for 8402 • B+ in LAL • Quarterly assessment grades of B in current science course • No quarterly grades in core academic courses lower than C • Concurrent enrollment in <u>Geometry CP or higher</u> • Teacher recommendation/Supervisor discretion
Biology	• S1 avg of C- in 8401, C for 8402, or C in Integrated Science

	• C in current LAL CP course, C- in LAL Honors • Teacher recommendation/Supervisor discretion
Biological Life Sciences	• Grade 10 students • Completion of Integrated Science
Chemistry Honors	• S1 grade of B+ or higher in Biology Honors or A- in Biology CP* • Quarterly Assessment grades of B+ or higher in biology course • No quarterly grades in non-science core academic courses lower than C • B+ in current Honors math OR A- in CP-level math • concurrent enrollment or completion of Algebra 2 at the college prep level or higher • Meets expectations in NJSLA-Math from previous year • Teacher recommendation/Supervisor discretion
Chemistry CP	• C+ in Biology CP • B- in Algebra 1 • Teacher recommendation/Supervisor discretion
Environmental Science	• For Grades 11-12 • Successful completion of Biology or Biological Life Sciences and one other lab science course
Food Science	• For Grades 11-12 • Successful completion of Chemistry
Forensic Science	• B in Biology CP (B- in Biology Honors) • Teacher recommendation/Supervisor discretion
Human Anatomy, Physiology, and Disease	• Grades 11-12 • B in Biology CP or B- in Biology Honors • Teacher recommendation/Supervisor discretion
Human Anatomy, Physiology, and Disease HONORS	• Grade 12 • Primarily for STEM Academy students • A- in Biology Honors, A in Biology CP • B+ in Chemistry Honors, A- in Chemistry CP • No quarterly grades in core academic courses lower than C • Teacher recommendation/Supervisor discretion
Introduction to Engineering	• Primarily for 10th grade students in Engineering strand of STEM Academy • Completion of Biology CP or higher • A- in Algebra 1 • Teacher recommendation/Supervisor discretion
Integrated Science	• Grade 9 students not meeting requirements for Biology or Biology Honors • Grade 10 students not meeting requirements for Chemistry CP following Biology CP
Marine Biology	• B+ in Biology CP or B in Biology Honors
Physics Honors	• Semester 1 average of A- in current science course • Quarterly Assessment grades of A- or higher in current science course

	• B+ in Algebra 2 Honors OR A in Algebra 2 CP • No quarterly grades in core academic courses lower than C • concurrent enrollment or completion of Pre-Calculus or higher • Teacher recommendation/Supervisor discretion
Physics CP	• Open to students in Grades 11-12 • Semester 1 average of B+ or higher in Chemistry CP or B in Chemistry Honors • B+ in Algebra 2 CP or higher • Teacher recommendation/Supervisor discretion
Science In Society	• Grades 11-12

Practical Arts

Auto Tech 1	• No prerequisite
Auto Tech 2	• C- in Auto Tech 1 • Teacher recommendation
Auto Tech 3	• C- in Auto Tech 1 • Teacher recommendation
Advanced Architecture	• Completion of Engineering Drawing
Engineering Drawing	• No prerequisite
Foods 1	• No prerequisite
Wood 1	• No prerequisite