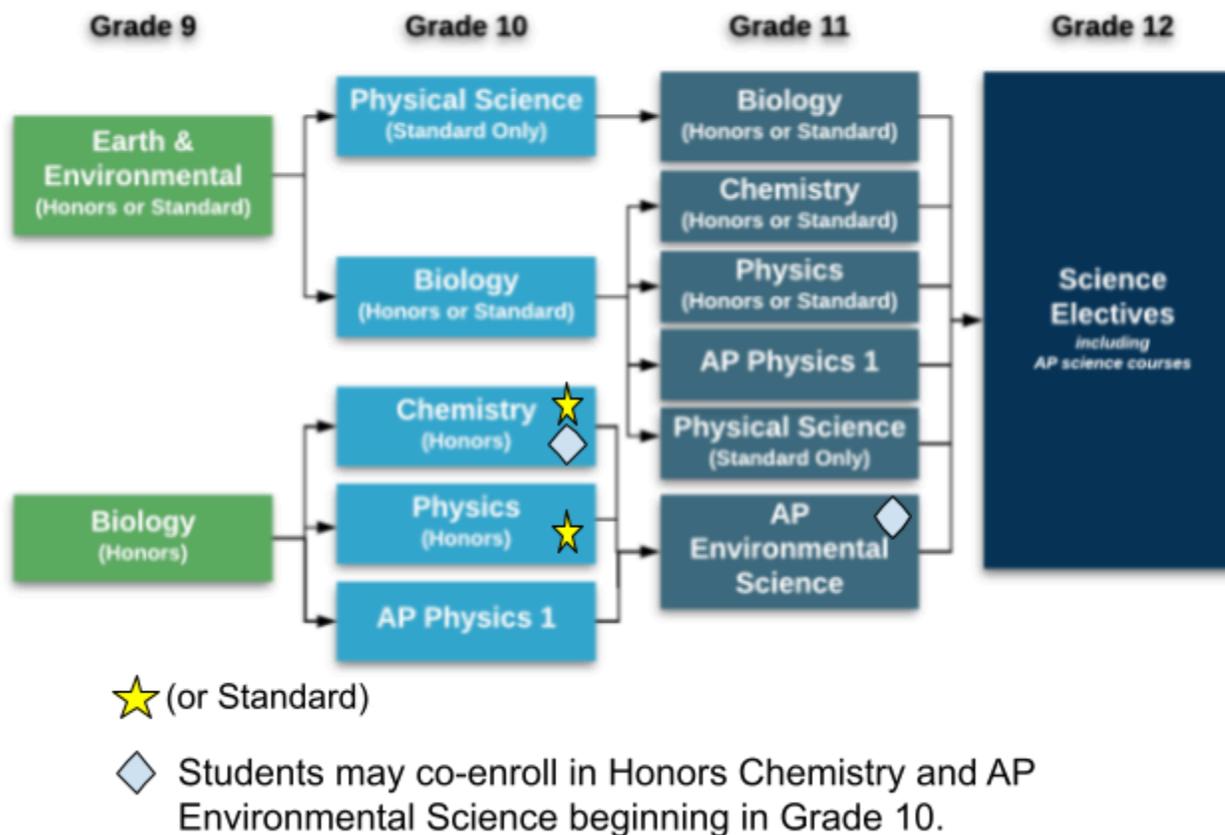


DSA Science Sequence Planner 2022-2023

1. In order to meet graduation requirements, your student **must** take a:
 - **Life Science:** Standard Biology or Honors Biology
 - **Earth/Environmental Science:** Standard Earth Science or Honors Earth Science or AP Environmental Science
 - **Physical Science:** Physical Science, Chemistry, or Physics
2. In order to compete for college admissions, the science department recommends four years of science.
3. A flowchart of courses is on the back of this page.
4. Recommendations are based on S1 grades, but reevaluated at Q4 Progress Reports.
5. **Students may ONLY take two sciences if...**
 - a. **One of the courses is AP Environmental Science (APES) and**
 - b. **If APES is needed to fulfill a graduation requirement**

Course	How do I get to my next science course?
Earth Science	All students are eligible for this course
Honors Earth Science	9th grade Pathway 1: Pass Grade 8 science with an A or B 9th grade Pathway 2: Recommendation of 8th grade science teacher 10th-12th grade pathway: All students are eligible for this course
Biology	All students in grades 10-11 who have received credit in Earth & Environmental Science are eligible for this course. <i>This course must be completed by the end of 11th grade.</i>
Honors Biology	9th grade pathway 1: Pass NC Math 1 AND an EVAAS* Biology percentile projection of 55 or higher (Level 4 or 5) 9th grade pathway 2: Pass NC Math 1 AND grade of A in 8th grade science 10th-11th pathway 1: Pass NC Math 1 and an EVAAS Biology percentile projection of 48 or higher (Level 3, 4, or 5) 10th-11th pathway 2: Pass NC Math 1 and A or B in one high school science course
Physical Science	All students in grades 10-12 are eligible for this course. <i>Per NCDPI, this course is not offered at the honors level.</i>
Chemistry	Pass Math 2 and Biology
Honors Chemistry	Pathway 1: Concurrent enrollment in NC Math 3 & Pass Biology Pathway 2: Pass NC Math 2 & Biology and teacher recommendation
Physics	Pass Math 2 and Biology
Honors Physics	Pathway 1: Concurrent enrollment in NC Math 3 Pathway 2: Pass NC Math 2 and teacher recommendation
AP Environmental Science	Pathway 1: Pass Honors Biology, NC Math 2, AND Honors Chemistry OR Honors Physics OR AP Physics I Pathway 2: Teacher Recommendation and pass Biology, NC Math 2, AND Chemistry OR Physics OR AP Physics I Pathway 3: A or B in Honors Biology and concurrent enrollment with Honors Chemistry
AP Biology	Pathway 1: A or B in Honors Biology and A or B in Honors Chemistry Pathway 2: Level 4 or 5 on the Biology EOC and an A or B in Chemistry Pathway 3: Pass Biology and Chemistry and teacher recommendation
AP Chemistry	Pathway 1: A or B in Honors Chemistry and A or B in NC Math 3 Pathway 2: Pass Chemistry and NC Math 3 and teacher recommendation
AP Physics I	Pathway 1: NC Math 3 Pathway 2: Concurrent NC Math 3 and teacher recommendation

*Educator Value-Added Assessment System (EVAAS) provides a reliable estimate of a student's growth and achievement in a course, using up to five years of data for an individual student. It analyzes data across all subjects, resulting in more precise estimates. An EVAAS Biology percentile projection of 55 or higher indicates a likely achievement score of a level 4 or 5 on the Biology EOC.



In classes **where Honors and Standard students are mixed**, students may switch levels:

- Students may move UP to Honors through the first semester
- Students may move DOWN to Standard through the first semester.

Interested students and their parents should discuss these options with their science teacher to make the best possible decision. After the deadlines listed above, all students in those classes are “locked in” to their level and may not revert back to their previous course-level enrollment.