

Eastern Alamance High School

Recommended Science Sequences

Graduation Requirements:

- 1) Earth/Environmental Science or AP Environmental Science
- 2) Physical Science or Chemistry
- 3) Biology

	Freshman Year	Sophomore Year	Junior Year	Senior Year
Advanced Sequence	Biology 1 Honors	Chemistry 1 Honors (must have Bio 1 <u>and</u> Math 2 credits or be taking Math 2)	AP Environmental Science (must have Bio 1 <u>and</u> Chem 1 credits) *Can also double up with an advanced elective...see right.	Advanced Electives: <ul style="list-style-type: none"> • Biology II Honors followed by AP Biology (must have Bio 1 <u>and</u> Chem 1 credits) • Chemistry II Honors followed by AP Chemistry (must have Chem 1 credit) • AP Environmental Science (must have Bio 1 <u>and</u> Chem 1 credits) • AP Physics (must have Pre-calculus <u>and</u> Chem 1 credits) • Physics Honors (must have Chem 1 credit) • Anatomy and Physiology Honors (must have Bio 1 credit) • Environmental Ethics Honors (must have Bio 1, Earth/Environmental Science or Environmental Science AP, <u>and</u> Physical Science or Chem 1 credits) • Forensic Science Honors (must have Bio 1 <u>and</u> Physical Science or Chem 1 credits)
Moderate Sequence	Earth/Environmental Science Honors	Biology 1 Honors or Physical Science (should have Math 1 credit or be taking Math 1)	Chemistry 1 Honors (must have Bio 1 <u>and</u> Math 2 credits or be taking Math 2) or Chemistry 1 (must have Bio 1 <u>and</u> Math 2 credits or be taking Math 2; recommended score of 75 or higher on Math 1 exam) or Biology 1	
Basic Sequence	Earth/Environmental Science	Physical Science (should have Math 1 credit or be taking Math 1)	Biology 1	

Eastern Alamance High School:

Science Course Selections for Rising Freshmen

Characteristics of a **Biology 1 Honors** student:

- ☐ Exceptional track record and work ethic in Science classes
 - ☐ A's to high B's in Middle School Science classes
 - ☐ Level 5 to high Level 4 on 8th grade Science EOG
- ☐ High level of interest in Science classes
- ☐ Definitely plans to take Advanced Placement classes his/her Junior and Senior year (AP Environmental Science, AP Biology, AP Chemistry, AP Physics)
- ☐ A's to high B's in Middle School Math 1

Characteristics of an **Earth & Environmental Science Honors** student:

- ☐ Solid track record and work ethic in Science classes
 - ☐ Low A's to B's in Middle School Science classes
 - ☐ Level 4 to high Level 3 on the 8th grade Science EOG
- ☐ High level of interest in Science classes
- ☐ Might be considering Advanced Placement classes or other advanced Science electives his/her Junior and Senior year

Characteristics of an **Earth & Environmental Science** student:

- ☐ Average or below average track record and work ethic in Science classes
 - ☐ Low B's to D's in Middle School Science classes
 - ☐ Low Level 3 to Level 1 on the 8th grade Science EOG
- ☐ Moderate to low level of interest in Science classes