

Science Progression of Courses

Achievement Criteria Provided for Each Course in Italics

(In Addition to the below criteria, teacher recommendation is also necessary)

Grade 6	6 th Grade Science			
Grade 7	7 th Grade Life Science			
Grade 8	Foundations of Earth Science			Advanced Concepts of Earth Science <ol style="list-style-type: none"> 1. <i>An A final average in Life Science</i> 2. <i>Passing Score on Qualifying Test(2 parts)</i> 3. <i>AP on Math NJ ASK 7</i> 4. <i>Teacher Recommendation</i>
All Students Entering GL in the '08 -'09 year or after will be required to complete Biology before graduating				
Grade 9	Biology Project Connect Biology <i>Completion of Foundations of Earth Science</i>			Biology Honors <i>B in Adv. Concepts of Earth Science, completion or concurrent enrollment in Geometry</i>
Grade 10	Chemistry Concepts <i>Completion of Biology</i>	Physical Science <i>Starting '09-'10 students will advance from Biology to Chemistry</i>	Chemistry <ol style="list-style-type: none"> 1. <i>High level of achievement in Biology or Biology Honors</i> 2. <i>Completion or concurrent enrollment in Geometry</i> 	Chemistry Honors <ol style="list-style-type: none"> 1. <i>B in Biology Honors or A+ in Biology</i> 2. <i>Completion or concurrent enrollment in Algebra 2</i>
Grade 11	Physics Concepts <i>Completion of Chemistry Concepts or Chemistry</i>	Chemistry <ol style="list-style-type: none"> 1. <i>Successful completion of Biology or Biology Honors</i> 2. <i>Completion or concurrent enrollment in Geometry</i> 	Physics <ol style="list-style-type: none"> 1. <i>Successful completion of Chemistry or Chemistry Honors</i> 2. <i>Completion or concurrent enrollment in Algebra 2</i> 	Physics Honors and/or AP Biology/AP Chemistry <i>Physics Honors: B in Chem. Honors or A+ in Chemistry and concurrent enrollment in Math An. H. AP Courses: B+ or better in honors level course</i>
Grade 12	Science Electives <i>Two years of a lab science</i>	Physics <ol style="list-style-type: none"> 1. <i>Successful completion of Chemistry/Honors</i> 2. <i>Completion or concurrent enrollment in Algebra 2</i> 	Environmental Science <i>(Starting '09-'10)</i> <i>Three years of lab science or Science Electives</i> <i>Two years of a lab science</i>	AP Biology/AP Chemistry/AP Physics <i>AP Biology: B+ in Biology H and Chemistry H</i> <i>AP Chemistry: B+ in Chemistry H., B+ in Math Analysis or concurrent enrollment in Math An. H.</i> <i>AP Physics: B+ in Physics H, B+ in calculus or B in AP Calculus</i>

