

Earth Science 2015-16 Executive Summary

<p>BCSD DRP Addressed</p>	<p>DRP 3.1 Provide equitable and challenging learning experiences that ensure all students have sufficient opportunities to develop learning, thinking, and life skills that lead to success at the next level. (AdvED 3.1)</p> <p>DRP 3.2 Promote active engagement of students in the learning process, including opportunities for them to apply higher-order thinking skills. (AdvED 3.3)</p>
<p>Topic of Summary</p>	<p>Students will enroll in Earth Science as the first high school science course in the BCSD science sequence. In addition, 8th Grade Honors Earth Science will serve as the high school science Carnegie unit course offered to 8th graders in Beaufort County School District who meet entry requirements.</p>
<p>Purpose</p>	<p>Students are required to earn a minimum of 3 units of science for high school graduation. Furthermore, the South Carolina Commission on Higher Education recommends students to successfully complete a minimum of 3 units of laboratory science courses for college or university entry. Transitioning Earth Science to the first high school science course in the science sequence will ensure students have the opportunity to successfully complete a laboratory science courses all four years of high school. Additionally, 8th Grade Honors Earth Science will provide middle school students the opportunity to complete a rigorous high school science course and earn one Carnegie unit while in middle school.</p>
<p>Short Description</p>	<p>The Earth Science course is designed to explore the earth and its place in the universe, emphasizes developing laboratory and process skills. Topics are drawn from the fields of geology, oceanography, meteorology, and astronomy. From these areas of study, students gain both an appreciation for the basic processes of science and an acquaintance with the current problems and ideas in the earth sciences. All Earth Science courses are laboratory science courses requiring a minimum of 30% hands-on investigation.</p> <p>For placement into 8th Grade Honors Earth Science (Carnegie unit), a student may be eligible if</p> <ul style="list-style-type: none"> • The student has successfully completed or is currently enrolled into Honors Algebra I <p>And one of the three criteria are met:</p> <ul style="list-style-type: none"> • PASS score of "Exemplary" in Science • English ACT Aspire score of "Exceeding" • MAP Scores percentile of 90 or higher in ELA/Reading.