



## 2021-2022 Pacing 7th Grade- Science

<b>1<sup>st</sup> Quarter</b> <b>Aug 4-Oct 6</b>	<b>2<sup>nd</sup> Quarter</b> <b>Oct 7-Dec 17</b>	<b>3<sup>rd</sup> Quarter</b> <b>Jan 4-Mar 10</b>	<b>4<sup>th</sup> Quarter</b> <b>Mar 11-May 20</b>
<p><i>Content/Units:</i>            You Be the Scientist (2 Weeks)            Class Rules and Objectives            Scientific Method            Inquiry            Lab and Equipment Skills            Life Processes</p> <p>You Be the Biologist (6 Weeks)            Cell Structure            Cell Function            Compare and Contrast Cells            Levels of Cellular Organization            Role of Genes and Chromosomes            Asexual and Sexual Reproduction</p>	<p><i>Content/Units:</i>            You be the Geneticist (5 weeks)            Inheritance of specific traits            Punnett Squares            Artificial and Natural Selection            Pedigrees            Genetic Variation            Environmental Influences on Inheritance            Asexual and Sexual Reproduction of organisms</p> <p>Systems (3 weeks)            Role of Major Organs            Role of Major Systems of the Human Body            Role of Systems in Plants            Interaction of Organs and Systems            Diseases and Organ Systems</p> <p>You be the Taxonomist (2 weeks)            Classification            Comparison of Six Kingdoms            Scientific Name            Dichotomous Key            Cladograms</p>	<p><i>Content/Units:</i>            You be the Evolutionary Biologist (6 weeks)            Fossil Evidence            Evidence of Change            Five Fingers of Evolution            Natural Selection            Adaptation            Homologous Structures            Speciation            Mutations</p> <p>You be the Ecologist (11 weeks)</p> <p>Interdependence of Organisms            Relationship Between Organisms</p>	<p><i>Content/Units:</i>            Continued: You be the Ecologist (11 weeks)</p> <p>Transferring and Recycling of matter and energy            Living and Nonliving factors            7 Major Terrestrial Biomes            Aquatic Biomes            Environmental Conditions and Characteristics</p>
<p><i>Common Assessments:</i>            Big 20 #1 (benchmark)            Big 20 #2</p>	<p><i>Common Assessments:</i>            Big 20 #3            Big 20 #4</p>	<p><i>Common Assessments:</i>            Big 20 #5            Big 20 #6</p>	<p><i>Common Assessments:</i>            Big 20 #7            Big 20 #8</p>
<p><i>Georgia Standards of Excellence:</i></p>	<p><i>Georgia Standards of Excellence:</i></p>	<p><i>Georgia Standards of Excellence:</i></p>	<p><i>Georgia Standards of Excellence:</i></p>

S7L2 a, b, c S7L3 a, b	S7L1 a, b S7L2 c S7L3 a b c S7L5 a b	S7L3 a,b c S7L4 a, b, c, d S7L5 a, b, c	S7L4 a, b, c, d S7L5 a, b, c
<i>Important Notes:</i> 8/4/21 First Day of School! 9/2/21 Progress Reports 9/6/21 Labor Day Holiday 10/6/21 End of 1 <sup>st</sup> Quarter	<i>Important Notes:</i> 10/11/21 Columbus Day Holiday 10/14/21 1 <sup>st</sup> Quarter Report Cards Parent/Teacher Conf. 10/15/21 Early Dismissal Homecoming 11/9/21 Progress Reports 11/11/21 Veterans Day Holiday 11/19/21 Early Dismissal 11/22-26 Thanksgiving Holidays 12/17/21 Early Dismissal End of 2 <sup>nd</sup> Quarter 12/20-1/3 Christmas Break	<i>Important Notes:</i> 1/3/22 Teacher Planning Day 1/6/22 2 <sup>nd</sup> Quarter Report Cards Parent Teacher Conf 1/7/22 Early Dismissal 1/17/22 MLK, Jr. Holiday 2/3/22 Progress Reports 2/18/22 Teacher Planning Day 2/21/22 President's Day Holiday 3/10/22 End of 3 <sup>rd</sup> Quarter	<i>Important Notes:</i> 3/11/22 Teacher Planning Day 3/17/22 3 <sup>rd</sup> Quarter Report Cards Parent/Teacher Conf 3/18/22 Early Dismissal 4/1/22 Early Dismissal 4/4-8 Spring Break 4/21/22 Progress Reports 5/20/22 Last Day of School!  *Georgia Milestone Testing is tentatively scheduled to occur April/May 2022.

***\*Content within a quarter is at the pace appropriate to individual classes and student needs***