2018-2019 Grade 7 Life Science
Pacing Guide *At a Glance*

<table>
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<tr>
<th>Quarter</th>
<th>Topic</th>
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| 1st     | *Lab Safety/Scientific Investigation*  
Characteristics of Living Things  
Basic Needs of Living Things | LS.3 b  
LS.1a, c, e, f, g, h                  | 9                                        | November 2, 2018           | Characteristics of Living Things |
|         | Cells: Theory, History, Structures & Functions                        | LS.2 a-c  
LS.3a  
LS.1a, c, e, f, g, h                  | 10                                       |                             | Cellular Organization             |
| 2nd     | Cell Processes                                                        | LS.2d  
LS.5  
LS.1a, d                                  | 11                                       | January 17, 2019           | Photosynthesis  
Cellular Respiration  
Cell Cycle                      |
|         | DNA; Genetics                                                        | LS.12  
LS.13a, c  
LS.1e, g, h, i                         | 13                                       |                             | DNA & Proteins                     |
| 3rd     | Evolution                                                            | LS.13  
LS.11d  
LS.9c  
LS.1a, c, g, h, i                        | 8                                        | March 28, 2019              | Adaptation                         |
|         | Classification  
Domains (Archaea, Bacteria and Eukarya)                           | LS.4 a, d  
LS.1b                                  | 5                                        |                             |                                    |
|         | Overview of Eukarya Kingdoms  
(Protista, Fungi, Plants, and Animals)                               | LS.4b  
LS.1a, c, f, g, h                      | 7                                        |                             |                                    |
|         | Distinguishing Characteristics of Major Animal phyla and Plant divisions | LS.4c  
LS.1a, c, e, f, g, h                   | 10                                       |                             |                                    |
| 4th     | Ecology  
Ecosystems  
Biomes                                                                | LS.5  
LS.6  
LS.7  
LS.8  
LS.9  
LS.10  
LS.11  
LS.1a, c, d, e, f, g, h                | 12                                       | June 7, 2019                 | Ecosystems                         |

*Scientific Investigation, Reasoning, and Logic* (Science SOL LS.1) standards are infused throughout the year in all science units.  
†Lab Safety must be addressed at the beginning of the year and reinforced during labs and investigations.

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