# Quarter 1

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>Week 1 - 9.8.21-9.10.21</td>
<td>CLRI/SEL</td>
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| Week 2 - 9.13.21-9.17.21 | Unit 1 – Prologue  
Measurements, Inferences & Predictions  
Density  
Graphical Relationships  
Observations |
| Week 3 - 9.20.21-9.24.21 | Unit 2 – Mapping  
Chapters 3.1 - 3.3  
Spheres of Earth  
Earth’s Coordinate System |
| Week 4 - 9.27.21-10.1.21 | Unit 2 – Mapping  
Chapter 3.1 – 3.3  
Mapping Fields & Gradient |
| Week 5 - 10.4.21-10.8.21 | Unit 2 – Mapping  
Chapter 3.1 – 3.3  
Gradient & Profiles |
| Week 6 - 10.12.21-10.15.21*  
*10.11.21 – Indigenous Peoples’ and Italian-Heritage Day | Unit 3 – Astronomy A  
Chapter 4.1, 28.1  
Big Bang  
Electromagnetic Spectrum |
| Week 7 - 10.18.21-10.22.21 | Unit 3 – Astronomy A  
Chapter 28.2-28.4  
Stars  
Galaxies |
| Week 8 - 10.25.21-10.29.21 | Unit 3 – Astronomy A  
Chapter 27.1-27.4, 26  
The Planets and the Solar System |
| Week 9 - 11.1.21-11.5.21*  
*11.2.2021 – Election Day | Unit 3 – Astronomy B  
Chapter 25  
Moon phases |
| Week 10 - 11.8.21-11.12.21*  
*11.11.21 – Veterans Day | Unit 3 – Astronomy B  
Chapter 25  
Tides  
Eclipses |
**Regents Earth Science Pacing Guide 2021 -2022**

*NOTE: This guide identifies an APPROXIMATE place at which teachers should be in their instruction. Individual pace MAY VARY according to student supports and needs.

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**Quarter 2**

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| **Week 11 - 11.15.21-11.19.21** | Unit 3 – Astronomy B  
Chapter 25  
Solar Time |
| **Week 12 - 11.22.21-11.24.21**  
Chapter 4.1-5.4  
Seasons, Energy transfer, Temperature & Specific Heat |
| **Week 13 - 11.29.21-12.3.21** | Unit 4 – Seasons and Energy  
Chapter 4.1-5.4  
Seasons, Energy transfer, Temperature & Specific Heat |
| **Week 14 - 12.6.21-12.10.21** | Unit 5 – Meteorology  
Chapter 17-21, 24.1 Surface Currents  
Weather and the Atmosphere, Local weather variations & Station Models |
| **Week 15 - 12.13.21-12.17.21** | Unit 5 – Meteorology  
Chapter 17-21, 24.1 Surface Currents  
Station Models, Moisture / Humidity / Dew Point, Clouds and Precipitation |
| **Week 16 - 12.20.21-12.23.21**  
*12.24.21-12.31.21 Winter Recess* | Unit 5 – Meteorology  
Chapter 17-21, 24.1 Surface Currents, Station Models, Moisture / Humidity / Dew Point, Pressure and Wind, Air Masses and Fronts |
| **Week 17 - 1.3.22-1.7.21** | Unit 5 – Meteorology  
Chapter 20.3 & 20.4 Hazardous Weather and Safety |
| **Week 18 - 1.10.22-1.14.22** | Unit 6 – Minerals and Rocks  
Chapter 6.1-6.4 Rock Types |
| **Week 19 - 1.18.22-1.21.22**  
*1.17.22 – MLK Jr. Day* | Unit 6 – Minerals and Rocks  
Chapter 7.1-7.3 Minerals & Mineral Resources |
| **Week 20 - 1.24.22-1.28.22** | Regents Week |

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BPS Science Department 2021.2022
### Quarter 3

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| Week 21 - 1.31.22-2.4.22 | Unit 7 – Water Cycle and Climate  
Chapter 22.1-22.4 |
| Week 22 - 2.7.22-2.11.22   | Unit 7 – Water Cycle and Climate  
Chapter 22.1-22.4 |
| Week 23 - 2.14.22-2.18.22  | Unit 8 - Weathering, Erosion, and Deposition  
Chapter 13.1 – 13.4  
Surface Water and Ground Water |
| **Mid-Winter Recess 2.21.22 – 2.25.22** |                                      |
| Week 24 - 2.28.22-3.4.22  | Unit 8 - Weathering, Erosion, and Deposition  
Chapter 14.1-14.3  
Weathering, Erosion, Deposition |
| Week 25 - 3.7.22-3.11.22  | Unit 8 - Weathering, Erosion, and Deposition  
Chapter 14.1-14.3  
Weathering, Erosion, Deposition |
| Week 26 - 3.14.22-3.18.22  | Unit 8 - Weathering, Erosion, and Deposition  
Chapter 15.1-16.3  
Glaciers and Erosion, Glacial Deposits |
| Week 27 - 3.21.22-3.25.22  | Unit 9 - Earth’s Interior and Plate Tectonics  
Chapter 8.1-8.4  
Plate Tectonics Plate Boundaries |
| Week 28 - 3.28.22-4.1.22   | Unit 9 - Earth’s Interior and Plate Tectonics  
Chapter 8.1-8.4  
Plate Movement and Continental Growth |
| Week 29 - 4.4.22-4.8.22*  | Unit 9 - Earth’s Interior and Plate Tectonics  
Chapter 9.1-9.4, 11.1-11.3  
Volcanoes, Mountain Forms |
| *4.5.22 – Early Release Day  
*4.6.22 – Superintendents Conference Day |                                      |
| Week 30 - 4.19.22-4.22.22*  | Unit 9 - Earth’s Interior and Plate Tectonics  
Chapter 10.1-10.4  
Earthquakes |
| *4.11.2022 – 4.18.22 Spring Recess |                                      |

*NOTE: This guide identifies an APPROXIMATE place at which teachers should be in their instruction. Individual pace MAY VARY according to student supports and needs.

BPS Science Department 2021.2022
# Quarter 4

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<td>Chapter 29.1-29.2</td>
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<td>Week 32 - 5.2.22-5.6.22*</td>
<td>Unit 10 - Geologic History Correlation and Radioactive Dating</td>
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<td>Week 33 - 5.9.22-5.13.22</td>
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<td>Week 34 - 5.16.22-5.20.22</td>
<td>Unit 10 - Geologic History Correlation and Radioactive Dating</td>
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<td>Week 36 - 5.31.22-6.3.22*</td>
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