

Earth Science Pacing Guide 2022-2023

***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.

Quarter 3

Date	Earth Science	CLRI Connections
Week 21 1.30.23 - 2.03.23	Unit 7- Earth's Changing Surface Lesson 7.1- Surface Processes <ul style="list-style-type: none"> ● Exploration 1- Agents of Change ● Exploration 2- Weathering ● Exploration 3- Transport of Material ● Exploration 4- Sediment in Soil 	
Week 22 2.06.23 - 2.10.23	Unit 7- Earth's Changing Surface Lesson 7.2- Earth's Surface <ul style="list-style-type: none"> ● Exploration 1- Features Shaped by Flowing Water ● Exploration 2- Features Shaped by Waves ● Exploration 3- Features Shaped by Ice ● Exploration 4- Features Shaped by Wind 	<ul style="list-style-type: none"> ● Ganges-Brahmaputra Delta (p. 411) ● Yardangs in Gobi Desert, China (p.421) ● Monument Valley (p. 422)
Week 23 2.13.23 - 2.17.23	Unit 7- Earth's Changing Surface Lesson 7.3- Development of Features <ul style="list-style-type: none"> ● Exploration 1- Constructive and Destructive Processes ● Exploration 2- Uplift and Subsidence ● Exploration 3- Folding and Faulting ● Exploration 4- Cycles of Mountains and Sediment 	<ul style="list-style-type: none"> ● Can You Explain It? Zhangye Danxia Mountains, China ● Forces in New Zealand (p. 438)
*Mid-Winter Recess 2.20.23 - 2.24.23		
Week 24 2.27.23 - 3.03.23	Unit 8- Earth's Water Lesson 8.1- Properties of Water <ul style="list-style-type: none"> ● Exploration 1- The Strength of Water ● Exploration 2- The Strength of Ice ● Exploration 3- Unique Properties of Water 	<ul style="list-style-type: none"> ● Can You Explain It? Potholes
Week 25 3.06.23 - 3.10.23	Unit 8- Earth's Water Lesson 8.2- Water Resources <ul style="list-style-type: none"> ● Exploration 1- The Water Supply ● Exploration 2- Freshwater Resources ● Exploration 3- Water Use and Management 	<ul style="list-style-type: none"> ● At Home- Home Water News (p. 453H) ● In the Community- Local Water Issues (p. 453H) ● Social Science Connection- The Social Cost of Water (p.488) ● Engineering Connection- Safe Drinking Water (p. 488)
Week 26 3.13.23 - 3.17.23	Unit 9- The Atmosphere Lesson 9.1- The Atmosphere <ul style="list-style-type: none"> ● Exploration 1- The Structure of the Atmosphere ● Exploration 2- Interaction with Earth's Other Spheres 	

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	<ul style="list-style-type: none"> • Exploration 3- The Atmosphere in Motion 	
<p>Week 27 3.20.23 - 3.24.23</p>	<p>Unit 9- The Atmosphere Lesson 9.2- Weather Prediction and Modeling</p> <ul style="list-style-type: none"> • Exploration 1- Weather • Exploration 2- Weather in Motion • Exploration 3- Weather Forecasting and Technology 	
<p>Week 28 3.27.23 - 3.31.23</p>	<p>Unit 9- The Atmosphere Lesson 9.3- Climate and Climate Change</p> <ul style="list-style-type: none"> • Exploration 1- Climate • Exploration 2- Earth's Changing Climate • Exploration 3- Our Role in Climate Change 	<ul style="list-style-type: none"> • Figure 2- Vegetation in Yemen and Democratic Republic of the Congo (p. 531) • Hands-On Lab- Comparing Climate Features • In the Community- Climate Change in the Community (p. 493H) • Social Studies Connection- Clothing and Climate (p. 552) • Health Connection- Climate Change and Infectious Diseases (p. 552)
<p>*Spring Recess 4.03.23 - 4.07.23</p>		
<p>Week 29 4.10.23 - 4.14.23</p>	<p>Unit 10- History of Earth Lesson 10.1- The Rock and Fossil Record</p> <ul style="list-style-type: none"> • Exploration 1- Fossil Formation and Types of Fossils • Exploration 2- Evidence Provided by Fossils • Exploration 3- The Relative Ages of Rocks • Exploration 4- The Absolute Ages of Rocks 	
<p>Week 30 4.17.23 - 4.21.23</p>	<p>Unit 10- History of Earth Lesson 10.2- Geologic Time</p> <ul style="list-style-type: none"> • Exploration 1- Early Earth • Exploration 2- Earth During the Paleozoic Era • Exploration 3- Earth During the Mesozoic Era • Exploration 4- Earth During the Cenozoic Era 	<ul style="list-style-type: none"> • In the Community- Turning Back Time (p. 557H)