

2026-2027 Science Curriculum Map Template

"Teaching is the one profession that creates all other professions." - Unknown

As you plan each unit, know that your work today empowers the engineers, doctors, inventors, and leaders of tomorrow.

Unit Topic <i>What is the title or main topic of your unit?</i>	Unit 1 Water in Earth's Processes	Unit 2 Climate and Weather	Unit 3 Earth's Changing Landscape	Unit 4 Solar System and Beyond	Unit 5 Earth-Moon-Sun	Unit 6 Human Energy Needs
9 Week	1st	2nd		3rd	4th	
Standards And Standard Element <i>Which Georgia Standards of Excellence (GSE) and specific elements will be addressed in this unit? Please list the</i>	S6E3. Obtain, evaluate, and communicate information to recognize the significant role of water in Earth processes. S6E5. Obtain, evaluate, and communicate information to show how Earth's surface is formed. S6E4. Obtain, evaluate, and communicate information about how the sun, land, and water	S6E4. Obtain, evaluate, and communicate information about how the sun, land, and water affect climate and weather. S6E3. Obtain, evaluate, and communicate information to recognize the significant role of water in Earth processes. S6E5. Obtain, evaluate, and communicate information to show how Earth's surface is formed.	S6E5. Obtain, evaluate, and communicate information to show how Earth's surface is formed. S6E1. Obtain, evaluate, and communicate information about current scientific views of the universe and how those views evolved. S6E2. Obtain, evaluate, and communicate information about the effects of the relative positions of the sun, Earth, and moon.	S6E2. Obtain, evaluate, and communicate information about the effects of the relative positions of the sun, Earth, and moon. S6E3. Obtain, evaluate, and communicate information to recognize the significant role of water in Earth processes. S6E5. Obtain, evaluate, and communicate information to show how Earth's surface is formed. S6E6. Obtain, evaluate, and communicate information about the uses and conservation of various natural resources and how they impact the Earth		

<i>science standards.</i>	affect climate and weather. S6E3. a.,b,c,d S6E4. a,b,c,d,e S6E5. a,b,c,d,e,f,g,h	S6E5. a,b,c,d,e,f,g,h S6E1. a, b, c,d,e S6E2. a, b,c	S6E2. a, b,c S6E3. d S6E5. d S6E6. a, b, c	
Vocabulary <i>What key vocabulary terms will students need to understand and use during this unit?</i>	<u>S6E3a,c</u> Abyssal Plain Continental Shelf Continental Slope Fresh Water Glacier Lake Ocean River Topography Trench <u>S6E3b</u> Accumulation Atmosphere Condensation Evaporation Fresh Water Infiltration Precipitation Runoff Transpiration Water Cycle	<u>S6E3a,c</u> Abyssal Plain Continental Shelf Continental Slope Fresh Water Glacier Lake Ocean River Topography Trench <u>S6E3b</u> Accumulation Atmosphere Condensation Evaporation Fresh Water Infiltration Precipitation Runoff Transpiration Water Cycle	<u>S6E5a</u> Asthenosphere Core Density Inner Core Lithosphere Mantle Outer Core Plasticity <u>S6E5b</u> Compaction Igneous Rock Metamorphic Rock Mineral Mineral Composition Rock Cycle Sedimentary Rock <u>S6E5c</u> Compaction Igneous Rock Metamorphic Rock Mineral Composition	<u>S6E2a,b,c</u> Lunar Cycle Lunar Eclipse Lunar Phase Relative Position Revolution Rotation Seasons Solar Eclipse Tilt <u>S6E3d</u> Fresh Water Gravitational Pull Ocean Currents Salinity Tide <u>S6E5d</u> Delta Deposition Erosion Glacier Moraine



<u>S6E3d</u> Fresh Water Gravitational Pull Ocean Currents Salinity Tide <u>S6E5d,e</u> Delta Deposition Erosion Glacier Moraine Physical Weathering Sediment Topography U-Shaped Valley V-Shaped Valley <u>S6E4a</u> Atmosphere Composition Greenhouse Gases Mesosphere Ozone Stratosphere Thermosphere Troposphere <u>S6E4b</u>	<u>S6E3d</u> Fresh Water Gravitational Pull Ocean Currents Salinity Tide <u>S6E4a</u> Atmosphere Composition Greenhouse Gases Mesosphere Ozone Stratosphere Thermosphere Troposphere <u>S6E4b</u> Atmosphere Conduction Convection Radiation Thermal Energy Wind <u>S6E4c</u> Air Mass Air Pressure Convection Current Density Global Winds	Rock Cycle Sedimentary Rock <u>S6E5d,e</u> Delta Deposition Erosion Glacier Moraine Physical Weathering Sediment Topography U-Shaped Valley V-Shaped Valley <u>S6E5f</u> Asthenosphere Convection Current Convergent Boundary Divergent Boundary Earthquake Fault Lithosphere Mid-Ocean Ridge Plate Tectonics Rift Valley Subduction Transform Boundary Trench Volcano	Physical Weathering Sediment Topography U-Shaped Valley V-Shaped Valley <u>S6E6a</u> Biomass Coal Fossil Fuel Geothermal Energy Hydropower Natural Gas Natural Resources Nonrenewable Nuclear Power Petroleum (Oil) Renewable Solar Power Tidal Energy <u>S6E6b</u> Conservation Groundwater Natural Resources Nonrenewable Pollution Recycling Renewable Runoff
---	---	--	--

Atmosphere Conduction Convection Radiation Thermal Energy Wind <u>S6E4c</u> Air Mass Air Pressure Convection Current Density Global Winds Latitude Radiation Rotation <u>S6E4d</u> Air Mass Air Pressure Atmospheric Movement Cold Front High Pressure Air Mass Low Pressure Air Mass Thunderstorm Tornado Warm Front Weather	Latitude Radiation Rotation <u>S6E4d</u> Air Mass Air Pressure Atmospheric Movement Cold Front High Pressure Air Mass Low Pressure Air Mass Thunderstorm Tornado Warm Front Weather <u>S6E4e</u> Air Pressure Air Temperature Humidity Hurricane Radar Rain Gauge Satellite Weather Map Wind Speed <u>S6E5a</u> Asthenosphere Core	<u>S6E5g</u> Carbon Dating Classify Climate Fossil Record Fossils Geological Record Organism Paleontologist Preserved Sediment <u>S6E5h</u> Clay Decompose Gravel Organic Material Soil Topsoil Weathering <u>S6E1a,b</u> Astronomer Astronomy Big Bang Theory Galaxy Geocentric Model Heliocentric Model Milky Way Galaxy Orbit Solar System	Soil Waste <u>S6E6c</u> Atmosphere Carbon Emissions Contribute Deforestation Global Global Warming Greenhouse Effect Greenhouse Gases Region
--	---	---	---

	<u>S6E4e</u> Air Pressure Air Temperature Humidity Hurricane Radar Rain Gauge Satellite Weather Map Wind Speed	Density Inner Core Lithosphere Mantle Outer Core Plasticity <u>S6E5b</u> Compaction Igneous Rock Metamorphic Rock Mineral Mineral Composition Rock Cycle Sedimentary Rock <u>S6E5c</u> Compaction Igneous Rock Metamorphic Rock Mineral Composition Rock Cycle Sedimentary Rock <u>S6E5d,e</u> Delta Deposition Erosion Glacier Moraine Physical Weathering	Universe <u>S6E1c,e</u> Asteroids Atmosphere Characteristic Comet Composition Gas Giants Meteorite Meteoroid Planet Relative <u>S6E1d</u> Force Gravity Inertia Mass Motion Solar System <u>S6E2a,b,c</u> Lunar Cycle Lunar Eclipse Lunar Phase Relative Position Revolution Rotation Seasons Solar Eclipse	
--	---	--	--	--

		Sediment Topography U-Shaped Valley V-Shaped Valley <u>S6E5f</u> Asthenosphere Convection Current Convergent Boundary Divergent Boundary Earthquake Fault Lithosphere Mid-Ocean Ridge Plate Tectonics Rift Valley Subduction Transform Boundary Trench Volcano <u>S6E5g</u> Carbon Dating Classify Climate Fossil Record Fossils Geological Record Organism Paleontologist Preserved	Tilt	
--	--	--	------	--

		Sediment <u>S6E5h</u> Clay Decompose Gravel Organic Material Soil Topsoil Weathering		
--	--	--	--	--

25-26 Calendar Pacing Guide

- Science teachers are expected to complete the Instructional Pacing Calendar for the 2025-2026 school year, beginning in July 2025 and ending in May 2026. **For each instructional day, please write the specific Georgia Standards of Excellence (GSE) science standard element you will be teaching.**
- Be sure to indicate whether the element is being introduced, reinforced, reviewed, or assessed by including that note in parentheses (e.g., S8P1a - Introduction to atoms and molecules). If multiple elements are covered in a single day, list each one clearly.
- For days when no instruction occurs—such as holidays, testing, or field trips—please write “No Instruction” and include the reason.** This calendar will be used for pacing purposes, collaborative planning, and to ensure complete coverage of the science standards across the school year.

Monthly Calendar		[Grade/Content]		
July [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday

	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

Monthly Calendar		[Grade/Content]		
August [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22

25	26	27	28	29

Monthly Calendar		[Grade/Content]		
September [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5

8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30			

Monthly Calendar		[Grade/Content]		
October [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday
		1	2	3

6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

Monthly Calendar		[Grade/Content]		
November [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

Monthly Calendar		[Grade/Content]		
December [2025]				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26

29	30	31		

Monthly Calendar		[Grade/Content]		
January [2026]				
Monday	Tuesday	Wednesday	Thursday	Friday
			1	2
5	6	7	8	9
12	13	14	15	16

19	20	21	22	23
26	27	28	29	30

Monthly Calendar		[Grade/Content]		
February [2026]				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6

9	10	11	12	13
16	17	18	19	20
23	24	25	26	27

Monthly Calendar		[Grade/Content]		
March [2026]				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6

9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31			

Monthly Calendar		[Grade/Content]		
April [2026]				
Monday	Tuesday	Wednesday	Thursday	Friday
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

--	--	--	--	--

Monthly Calendar		[Grade/Content]		
May [2026]				
Monday	Tuesday	Wednesday	Thursday	Friday
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22

25	26	27	28	29