

Worth County Elementary School
Fifth Grade 4th Nine Weeks
Science Pacing Guide

Week	Dates	Unit Topic	GSE Standard	Overview of lessons taught
1	3/15 - 3/17 & 3/20 - 3/24 3/24 4A Common Assessment	Physical and Chemical Changes	S5P1b, c Obtain, evaluate, and communicate information to explain the differences between a physical change and a chemical change.	<ul style="list-style-type: none"> ● Construct an argument based on observations to support a claim that the physical changes in the state of water are due to temperature changes, which cause small particles that cannot be seen to move differently. ● Plan and carry out an investigation to determine if a chemical change occurred based on observable evidence (color, gas, temperature change, odor, new substance produced).
2	3/27 - 3/31	GA Milestones Review	GA Milestones Review	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the control of constructive and destructive processes. <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism. <p style="text-align: center;">Life Science</p> <ul style="list-style-type: none"> ● Classify organisms by their similarities. ● Identify the characteristics upon which the classification of organisms is based. ● Recognize that offspring can share both inherited and learned traits with their parents. ● Diagram and label the basic parts of plant and animal cells. ● Communicate how microorganisms can be both

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				<p>harmful and beneficial to the natural world.</p> <ul style="list-style-type: none"> ● Explain how cells in multi-celled organisms differ.
3	4/10 - 4/14	GA Milestones Review		<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the control of constructive and destructive processes. <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism. <p style="text-align: center;">Life Science</p> <ul style="list-style-type: none"> ● Classify organisms by their similarities. ● Identify the characteristics upon which the classification of organisms is based. ● Recognize that offspring can share both inherited and learned traits with their parents. ● Diagram and label the basic parts of plant and animal cells. ● Communicate how microorganisms can be both harmful and beneficial to the natural world. ● Explain how cells in multi-celled organisms differ.
4	4/17 - 4/21	GA Milestones Review	<p style="text-align: center;"><u>GA Milestones EOG Assessment Content Weights:</u></p> <p style="text-align: center;">Life Science 42% Physical Science 35%</p>	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the

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			Earth Science 23%	<p>control of constructive and destructive processes.</p> <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism. <p style="text-align: center;">Life Science</p> <ul style="list-style-type: none"> ● Classify organisms by their similarities. ● Identify the characteristics upon which the classification of organisms is based. ● Recognize that offspring can share both inherited and learned traits with their parents. ● Diagram and label the basic parts of plant and animal cells. ● Communicate how microorganisms can be both harmful and beneficial to the natural world. ● Explain how cells in multi-celled organisms differ.
5	4/24 - 4/28	GA MILESTONES	<p style="text-align: center;"><u>GA Milestones EOG Assessment Content Weights:</u></p> <p style="text-align: center;">Life Science 42% Physical Science 35% Earth Science 23%</p>	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the control of constructive and destructive processes. <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism. <p style="text-align: center;">Life Science</p>

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6	5/01 - 5/05	<p style="text-align: center;">FINISH MILESTONES</p> <p style="text-align: center;">Reteaching 5th Grade Science Skill</p>	<p style="text-align: center;">FINISH MILESTONES</p> <p style="text-align: center;">Earth Science S5E1</p> <p style="text-align: center;">Physical Science S5P1 S5P2 S5P3</p>	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the control of constructive and destructive processes. <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Demonstrate that objects are composed of a system of smaller parts. ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism.
7	5/8 - 5/12	<p style="text-align: center;">Reteaching 5th Grade Science Skills</p>	<p style="text-align: center;">Earth Science S5E1</p> <p style="text-align: center;">Physical Science S5P1 S5P2</p>	<p style="text-align: center;">Earth Science</p> <ul style="list-style-type: none"> ● Identify surface features of Earth formed by constructive and destructive processes. ● Relate the role of technology and human intervention in the

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			S5P3	<p>control of constructive and destructive processes.</p> <p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Demonstrate that objects are composed of a system of smaller parts. ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism.
8	5/15 - 5/19	Reteaching 5th Grade Science Skills	Physical Science S5P1 S5P2 S5P3	<p style="text-align: center;">Physical Science</p> <ul style="list-style-type: none"> ● Demonstrate that objects are composed of a system of smaller parts. ● Explain the differences between physical and chemical changes. ● Investigate the properties of electricity and magnetism. ● Identify the relationships between electricity and magnetism.
9	5/22 - 5/24	Reteaching 5th Grade Science Skills	Life Science S5L1 S5L2 S5L3 S5L4	<p style="text-align: center;">Life Science</p> <ul style="list-style-type: none"> ● Classify organisms by their similarities. ● Identify the characteristics upon which the classification of organisms is based. ● Recognize that offspring can share both inherited and learned traits with their parents. ● Diagram and label the basic parts of plant and animal cells. ● Communicate how microorganisms can be both harmful and beneficial to the natural world. ● Explain how cells in multi-celled organisms differ.