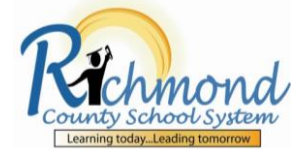


Spiral Review: Students should engage daily in the [Science and Engineering Practices](#) -the Science and Engineering Practices are designed to develop students' deeper understanding of science by engaging in the actual work of science and engineering **and** identify the [Crosscutting Concepts](#) - bridge disciplinary boundaries, uniting core ideas throughout the fields of science and engineering.



2021-2022 Fifth Grade Curriculum Map

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First Semester

Unit 0 Think Like a Scientist	Unit 1 Cells and Microorganisms	Buffer	Pre-Unit 2 Review Buffer	Unit 2 Dynamics of Classification
Lab Safety Science and Engineering Fair	Priority Standards S5L3c S5L4a S5L4b Supporting Standards S5L3a S5L3b	Priority Standards S5L3c S5L2a S5L2b	Prerequisite Standard SKL1b	Priority Standards S5L1a S5L1b S5L2b Supporting Standard S5L2a
10 days	4 weeks (20 days)	3 days	2 days	3 weeks (15 days)
<p style="text-align: center;">Big Idea</p> <ul style="list-style-type: none"> • Proper lab safety procedures • Science and Engineering Fair 	<p style="text-align: center;">Big Ideas</p> <ul style="list-style-type: none"> • Animal and Plant Cells • Microorganisms • Science and Engineering Practices • Obtaining, evaluating and communicating information • Construct explanations • Engage in argument from evidence • Crosscutting Concepts • Systems and system models • Structure and Function • Scale, proportion, and quantity 	Assessment Remediation Enrichment	<p style="text-align: center;">Big Idea</p> <ul style="list-style-type: none"> • Sorting organisms and nonliving objects 	<p style="text-align: center;">Big Ideas</p> <ul style="list-style-type: none"> • Classification of Plants and Animals • Inherited traits and Acquired traits • Science and Engineering Practices • Obtaining, evaluating and communicating information • Developing and using models • Engage in argument from evidence • Crosscutting Concepts • Structure and Function • Systems and system models • Cause and Effect

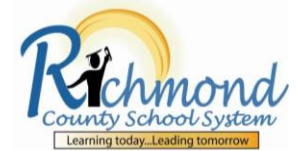
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First Semester			Second Semester		
Buffer	Pre-Unit 3 Review Buffer	Unit 3 Physical and Chemical Changes	Buffer	Pre-Unit 4 Review Buffer	Unit 4 Energy Transfer through Electricity and Magnetism
Priority Standards S5L1a S5L1b S5L2a	Prerequisite Standard S3P1c	Priority Standards S5P1a S5P1c Supporting Standard S5P1b	Priority Standards S5P1a S5P1c	Prerequisite Standard S1P2	Priority Standards S5P2b S5P3a Supporting Standards S5P2a S5P2c S5P3b
3 days	2 days	6.5 weeks (32 days)	3 days	2 days	6.5 weeks (33 days)
Assessment Remediation Enrichment	Big Idea <ul style="list-style-type: none"> Conservation of energy and energy transfer 	Big Ideas <ul style="list-style-type: none"> Physical Changes Physical Changes of Water Chemical Changes Science and Engineering Practices <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Planning and carrying out investigations Engage in argument from evidence Crosscutting Concepts <ul style="list-style-type: none"> Energy and Matter Cause and Effect 	Assessment Remediation Enrichment	Big Idea <ul style="list-style-type: none"> Heating or cooling can change the properties of matter 	Big Ideas <ul style="list-style-type: none"> Electricity Insulators and Conductors Electromagnets Magnets and Magnetic Field Science and Engineering Practices <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Plan and carry out an investigation Asking questions Developing and using models Crosscutting Concepts <ul style="list-style-type: none"> Energy and Matter Cause and Effect

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2021-2022 Fifth Grade Curriculum Map

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Second Semester

Buffer	Pre-Unit 5 Review Buffer	Unit 5 Earth and Changes Over Time	Buffer	5 th Grade Review Show What You Know
Priority Standards S5P2b S5P3a	Prerequisite Standard S2E3	Priority Standard S5E1a Supporting Standards S5E1b S5E1c	Priority Standard S5E1a	Standards S5L3c S5L4a S5L4b S5L1a S5L1b S5L2b S5P1a S5P1c S5P2b S5P3a S5E1a
3 days	2 days	6 weeks (30 days)	3 days	3.5 weeks (17 days)
Assessment Remediation Enrichment	<p>Big Idea</p> <ul style="list-style-type: none"> Changes to the environment caused by weather, plants, animals and humans 	<p>Big Idea</p> <ul style="list-style-type: none"> Constructive and Destructive Processes <p>Science and Engineering Practices</p> <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Developing and using models Asking questions and defining problems Engaging in argument from evidence <p>Crosscutting Concepts</p> <ul style="list-style-type: none"> Structure and function Cause and Effect Systems and system models 	Assessment Remediation Enrichment	See Corresponding Big Ideas Aligned to Priority Standards Above