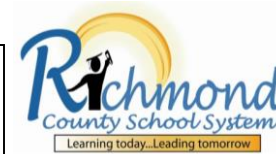


**Spiral Review:** Students should engage daily in the [Science and Engineering Practices](#) -the Science and Engineering Practices are designed to develop students' deeper understanding of science by engaging in the actual work of science and engineering **and** identify the [Crosscutting Concepts](#)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



## 2021-2022 Kindergarten Science Curriculum Map

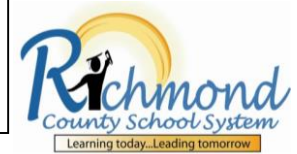
The suggested instructional pacing schedule is approximate and can be adjusted; however, the sequence of instruction should not be altered. Teachers should adhere to the guide as closely as possible. **Note: The Review Unit and Pre-Unit Review Buffers have been included to provide additional learning supports.**

### First Semester

#### 1<sup>st</sup> Nine Weeks

Unit 0 Think Like a Scientist	Unit 1 Physical Properties	Buffer
Lab Safety	<b>Priority Standard</b> SKP1b <b>Supporting Standards</b> SKP1a SKP1c	<b>Priority Standard</b> SKP1b
<b>10 days</b>	<b>6.5 weeks (32 days)</b>	<b>3 days</b>
<p style="text-align: center;"><b>Big Idea</b></p> <ul style="list-style-type: none"> <li><b>Proper</b> lab safety procedures</li> </ul>	<p style="text-align: center;"><b>Big Ideas</b></p> <ul style="list-style-type: none"> <li>Physical Attributes-Sort and Classify</li> <li>Physical Attributes-Sink or Float</li> </ul> <p style="text-align: center;"><b>Science and Engineering Practices</b></p> <ul style="list-style-type: none"> <li>Obtaining, evaluating and communicating information</li> <li>Construct explanations and designing solutions</li> <li>Planning and carrying out investigations</li> <li>Asking questions and defining problems</li> </ul> <p style="text-align: center;"><b>Crosscutting Concepts</b></p> <ul style="list-style-type: none"> <li>Patterns</li> <li>Scale, Proportion, and Quantity</li> </ul>	<p><b>Assessment Remediation Enrichment</b></p>

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## 2021-2022 Kindergarten Science Curriculum Map

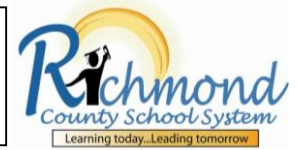
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### First Semester

#### 2<sup>nd</sup> Nine Weeks

Pre-Unit 2 Review Buffer	Unit 2 Motion	Buffer
Spiral Review	<p style="color: green;">Priority Standard</p> SKP2a <p style="color: blue;">Supporting Standard</p> SKP2b	<p style="color: green;">Priority Standard</p> SKP2a
1 day	5.5 weeks (28 days)	3 days
<p style="text-align: center;"><b>Big Ideas</b></p> <ul style="list-style-type: none"> <li>Properties of Matter</li> <li>Physical Attributes</li> <li>Sinking and Floating</li> </ul>	<p style="text-align: center;"><b>Big Idea</b></p> <ul style="list-style-type: none"> <li>Motion</li> </ul> <p style="text-align: center;"><b>Science and Engineering Practices</b></p> <ul style="list-style-type: none"> <li>Obtaining, evaluating and communicating information</li> <li>Planning and carrying out investigations</li> <li>Engaging in argument from evidence</li> <li>Developing and using models</li> </ul> <p style="text-align: center;"><b>Crosscutting Concepts</b></p> <ul style="list-style-type: none"> <li>Patterns</li> <li>Cause and Effect</li> <li>System and systems model</li> <li>Energy and matter</li> </ul>	<p><b>Assessment Remediation Enrichment</b></p>

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## 2021-2022 Kindergarten Science Curriculum Map

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### Second Semester

#### 3<sup>rd</sup> Nine Weeks

Pre-Unit 3 and Pre-Unit 4 Review Buffer	Unit 3 Time Patterns (Day and Night)	Buffer	Unit 4 Earth Materials (Rocks, Soil, Water and Air)	Buffer
<b>Spiral Review</b>	<b>Priority Standard</b> SKE1b <b>Supporting Standard</b> SKE1a	<b>Priority Standard</b> SKE1b	<b>Priority Standards</b> SKE2a SKE2b <b>Supporting Standards</b> SKE2c	<b>Priority Standards</b> SKE2a SKE2b
<b>1 day</b>	<b>3.5 weeks (18 days)</b>	<b>3 days</b>	<b>3.5 weeks (19 days)</b>	<b>3 days</b>
<b>Big Ideas</b> <ul style="list-style-type: none"> <li>Pushes</li> <li>Pulls</li> </ul>	<b>Big Idea</b> <ul style="list-style-type: none"> <li>Time Patterns (Day to Night and Night to Day)</li> </ul> <b>Science and Engineering Practices</b> <ul style="list-style-type: none"> <li>Obtaining, evaluating and communicating information</li> <li>Developing and using models</li> <li>Engaging in argument from evidence</li> </ul> <b>Crosscutting Concepts</b> <ul style="list-style-type: none"> <li>Patterns</li> <li>Cause and Effect</li> <li>Systems and system models</li> </ul>	<b>Assessment Remediation Enrichment</b>	<b>Big Idea</b> <ul style="list-style-type: none"> <li>Earth Materials-Rock, Soil Water and Air</li> </ul> <b>Science and Engineering Practices</b> <ul style="list-style-type: none"> <li>Obtaining, evaluating and communicating information</li> <li>Constructing explanations</li> <li>Engaging in argument from evidence</li> </ul> <b>Crosscutting Concepts</b> <ul style="list-style-type: none"> <li>Patterns</li> <li>Cause and Effect</li> <li>Structure and function</li> </ul>	<b>Assessment Remediation Enrichment</b>

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## 2020-2021 Kindergarten Science Curriculum Map

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### Second Semester

#### 4<sup>th</sup> Nine Weeks

Pre-Unit 5 Review Buffer	Unit 5 Living and Non-Living	Buffer
Spiral Review	<b>Priority Standards</b> SKL1a SKL2a SKL2b SKL2c <b>Supporting Standard</b> SKL1b	<b>Priority Standards</b> SKL1a SKL2a SKL2b SKL2c
1 day	<b>8 weeks (42 days)</b>	3 days
<b>Big Ideas</b> <ul style="list-style-type: none"> <li>Day and Night</li> <li>Rocks, Soil, Water, and Air</li> </ul>	<b>Big Ideas</b> <ul style="list-style-type: none"> <li>Living Organisms and Non-living Objects</li> <li>Grouping living organisms (animals and plants)</li> <li>Parents and Offspring (similarities and differences)</li> </ul> <b>Science and Engineering Practices</b> <ul style="list-style-type: none"> <li>Obtaining, evaluating and communicating information</li> <li>Construct explanations and designing solutions</li> <li>Planning and carrying out investigations</li> <li>Asking questions and defining problems</li> <li>Developing and using models</li> </ul> <b>Crosscutting Concepts</b> <ul style="list-style-type: none"> <li>Patterns</li> <li>Structure and Function</li> <li>Stability and Change</li> <li>Energy and Matter</li> </ul>	<b>Assessment Remediation Enrichment</b>

