

2022-2023 First Grade 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

Unit 0 Think Like a Scientist	Unit 1 Weather	Buffer
Lab Safety Science and Engineering Fair	Priority Standards S1E1a S1E1c S1E1d Supporting Standard S1E1b	Priority Standards S1E1a S1E1c S1E1d
10 days	6.5 weeks (32 days)	3 days
<u>Big Ideas</u> <ul style="list-style-type: none"> • Proper lab safety procedures • Science and Engineering Fair 	<u>Big Ideas</u> <ul style="list-style-type: none"> • Types of weather (Forms of precipitation) • Measuring weather • Science and Engineering Practices • Obtaining, evaluating and communicating information • Construct explanations and designing solutions • Planning and carrying out investigations • Asking questions and defining problems • Developing and using models • Crosscutting Concepts • Patterns • Cause and Effect • System and systems model 	Assessment Remediation Enrichment

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First Semester		
Pre-Unit 2 Review Buffer	Unit 2 Needs of Living Things (Plants and Animals)	Buffer
Prerequisite Standards SKL1a SKL2a SKL2b	Priority Standards S1L1b S1L1c Supporting Standard S1L1a	Priority Standards S1L1b S1L1c
3 days	7.5 weeks (39 days)	3 days
<u>Big Ideas</u> <ul style="list-style-type: none"> Organisms vs non-living objects Similarities and differences in groups of organisms 	<u>Big Ideas</u> <ul style="list-style-type: none"> Parts of a plant Basic needs of plants and animals Science and Engineering Practices <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Construct explanations and designing solutions Asking questions and defining problems Developing and using models Crosscutting Concepts <ul style="list-style-type: none"> Patterns Cause and Effect System and systems model 	Assessment Remediation Enrichment

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Second Semester

Pre-Unit 3 Review Buffer	Unit 3 Light and Sound	Buffer
Spiral Review	Priority Standards S1P1c S1P1d Supporting Standards S1P1a S1P1b S1P1e	Priority Standards S1P1c S1P1d
3 days	7.5 weeks (39 days)	3 days
<u>Big Ideas</u> <ul style="list-style-type: none"> Weather Needs of plants and animals 	<u>Big Ideas</u> <ul style="list-style-type: none"> Light Sound Science and Engineering Practices <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Planning and carrying out investigations Asking questions and defining problems Developing and using models Crosscutting Concepts <ul style="list-style-type: none"> Patterns Cause and Effect Energy and Matter 	Assessment Remediation Enrichment

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Second Semester

Pre-Unit 4 Review Buffer	Unit 4 Magnets	Buffer
Prerequisite Standards SKP2a SKP2b	Priority Standard S1P2b Supporting Standard S1P2a	Priority Standard S1P2b
3 days	7.5 weeks (39 days)	3 days
<u>Big Idea</u> <ul style="list-style-type: none"> Compare and describe different types of motion 	<u>Big Idea</u> <ul style="list-style-type: none"> Magnets Science and Engineering Practices <ul style="list-style-type: none"> Obtaining, evaluating and communicating information Construct explanations and designing solutions Planning and carrying out investigations Asking questions and defining problems Developing and using models Crosscutting Concepts <ul style="list-style-type: none"> Patterns Cause and Effect Energy and Matter 	Assessment Remediation Enrichment

