## 2019-2020 Science Scope and Sequence, Grade 2

### Suggested Duration: 11 weeks

**Unifying Concept:** Life Science  
Resource Kit: New Plants

<table>
<thead>
<tr>
<th>Reading Focus</th>
<th>Writing Focus</th>
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</thead>
<tbody>
<tr>
<td>Literature, Informational</td>
<td>Narrative, Opinion, Informative/Explanatory</td>
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**2018 Science Standards**

- 2.L2U1.9
- 2.L2U1.10

### Crosscutting Concepts

- Cause & Effect
- Structure & Function
- Systems & System Models
- Stability & Change
- Energy & Matter

### Suggested Duration: 11 weeks

**Unifying Concept:** Physical Science  
Resource Kit: Solids and Liquids

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**2018 Science Standards**

- 2.P1U1.1
- 2.P1U1.2

### Crosscutting Concepts

- Cause & Effect
- Systems & System Models
- Stability & Change
- Scale, Proportion, & Quantity
- Energy & Matter

### Suggested Duration: 11 weeks

**Unifying Concept:** Earth and Space Science  
Resource Kit: None/Supplemental Materials

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**2018 Science Standards**

- 2.E1U1.4
- 2.E1U1.5
- 2.E2U1.6

### Crosscutting Concepts

- Patterns
- Cause & Effect
- Structure & Function
- Systems & System Models
- Stability & Change
- Scale, Proportion, & Quantity

### Suggested Duration: 2-3 weeks

**Unifying Concept:** Earth and Space Science  
Resource Kit: None/Supplemental Materials

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**2018 Science Standards - Core Ideas**

- 2.L2U1
- 2.P1U1
- 2.P4U1
- 2.E1U1

### Crosscutting Concepts

- Systems & System Models
- Energy & Matter

### Science & Engineering Practices – Applicable to all quarters

- Ask Questions and Define Problems
- Develop and Use Models
- Plan and Carry Out Investigations
- Analyze and Interpret Data
- Use Mathematics and Computational Thinking
- Construct Explanations and Design Solutions
- Engage in Argument from Evidence
- Obtain, Evaluate and Communicate Information

### Color Key: Scope and Sequence

<table>
<thead>
<tr>
<th>Unifying Concept: Life Science</th>
<th>Unifying Concept: Physical Science</th>
<th>Unifying Concept: Earth &amp; Space Science</th>
<th>Review and Enrichment (if applicable)</th>
<th>Science &amp; Engineering Practices</th>
</tr>
</thead>
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Office of Curriculum, Instruction, and Professional Development  
6/28/2019