### 2019-2020 Science Scope and Sequence, Grade 5

#### Unifying Concept: Life Science
- Resource Kit: Ecosystems
- Reading Focus: Literature, Informational
- Writing Focus: Narrative, Opinion, Informative/Explanatory

<table>
<thead>
<tr>
<th>2018 Science Standards</th>
<th>2018 Science Standards</th>
</tr>
</thead>
</table>

#### Crosscutting Concepts
- Patterns
- Cause & Effect
- System & System Models
- Stability & Change
- Energy & Matter

#### Suggested Duration 11 weeks

#### Unifying Concept: Physical Science
- Resource Kit: Mixtures and Solutions
- Reading Focus: Literature, Informational
- Writing Focus: Narrative, Opinion, Informative/Explanatory

<table>
<thead>
<tr>
<th>2018 Science Standards</th>
<th>2018 Science Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.P1U1.1 5.P1U1.2</td>
<td></td>
</tr>
</tbody>
</table>

#### Crosscutting Concepts
- Patterns
- Cause & Effect
- Structure & Function
- System & System Models
- Stability & Change
- Scale, Proportion, & Quantity
- Energy and Matter

#### Suggested Duration 11 weeks

#### Unifying Concept: Earth & Space Science
- Resource Kit: Solar System (mini-kit)
- Reading Focus: Literature, Informational
- Writing Focus: Narrative, Opinion, Informative/Explanatory

<table>
<thead>
<tr>
<th>2018 Science Standards</th>
<th>2018 Science Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.E2U1.7 5.E2U1.8</td>
<td></td>
</tr>
</tbody>
</table>

#### Crosscutting Concepts
- Patterns
- Cause & Effect
- Structure & Function
- System & System Models
- Scale, Proportion, & Quantity
- Energy & Matter

#### Suggested Duration 2-3 weeks

#### 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

| Unifying Concept: Life Science | Unifying Concept: Physical Science | Unifying Concept: Earth & Space Science | Review and Enrichment (if applicable) | Science & Engineering Practices |

Office of Curriculum, Instruction, and Professional Development 6/28/2019