## 2019-2020 Science Scope and Sequence, Grade 6

### Unifying Concept: Life Science
- **Reading Focus**: Informational
- **Writing Focus**: Informative/Explanatory

#### Suggested Duration: 11 weeks

#### Resource Kit: Ecology

#### 2018 Science Standards
- 6.L2U3.11
- 6.L2U3.12

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

### Unifying Concept: Physical Science
- **Reading Focus**: Informational
- **Writing Focus**: Informative/Explanatory

#### Suggested Duration: 11 weeks

#### Resource Kit: Chemical Building Blocks /Supplemental Materials

#### 2018 Science Standards
- 6.P1U1.1
- 6.P1U1.2
- 6.P1U1.3
- 6.P4U2.5

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

### Unifying Concept: Earth & Space Science
- **Reading Focus**: Informational
- **Writing Focus**: Informative/Explanatory

#### Suggested Duration: 11 weeks

#### Resource Kit: Universe at Your Fingertips /Astronomy

#### 2018 Science Standards
- 6.E1U1.6
- 6.E2U1.7
- 6.E2U1.8
- 6.E2U1.9
- 6.E2U1.10
- 6.P2U1.4

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

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

#### 2018 Science Standards – Core Ideas
- P1U1
- P2U4
- E1U1
- L2U1
- L2U3

#### Crosscutting Concepts
- • Patterns
- • Cause & Effect
- • Systems & System Models
- • Stability & Change
- • Scale, Proportion, & Quantity
- • 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

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