

# Scope and Sequence, K-5 Integrated

| Grade K  |                                    |
|----------|------------------------------------|
| UNIT 1   | <b>LIVING THINGS</b>               |
| MODULE   | <b>Plants and Animals</b>          |
| LESSON 1 | Living and Nonliving               |
| LESSON 2 | Plant and Animal Survival          |
| LESSON 3 | Places Plants Live                 |
| LESSON 4 | Places Animals Live                |
| UNIT 2   | <b>OUR CHANGING WORLD</b>          |
| MODULE   | <b>Changes to the Environment</b>  |
| LESSON 1 | Plants Change Their Environment    |
| LESSON 2 | Animals Change Their Environment   |
| LESSON 3 | People Change Their Environment    |
| MODULE   | <b>Protect Earth</b>               |
| LESSON 1 | Natural Resources                  |
| LESSON 2 | Reduce, Reuse, Recycle             |
| UNIT 3   | <b>WEATHER AND THE SUN</b>         |
| MODULE   | <b>Weather</b>                     |
| LESSON 1 | Describe Weather                   |
| LESSON 2 | Weather Patterns                   |
| LESSON 3 | Forecast Weather                   |
| LESSON 4 | Severe Weather                     |
| MODULE   | <b>The Sun and Earth's Surface</b> |
| LESSON 1 | Sunlight on Earth's Surface        |
| LESSON 2 | Protection from the Sun            |
| UNIT 4   | <b>MAKE THINGS MOVE</b>            |
| MODULE   | <b>Forces and Motion</b>           |
| LESSON 1 | Pushes and Pulls                   |
| LESSON 2 | Direction and Speed                |
| LESSON 3 | When Objects Collide               |

| Grade 1  |  |
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| UNIT 1   | <b>ALL ABOUT PLANTS</b>                    |
| MODULE   | <b>Plant Structures and Functions</b>      |
| LESSON 1 | Plant Parts                                |
| LESSON 2 | Functions of Plant Parts                   |
| MODULE   | <b>Plant Parents and Their Offspring</b>   |
| LESSON 1 | Plants and Their Parents                   |
| LESSON 2 | Plant Survival                             |
| UNIT 2   | <b>ANIMALS AND HOW THEY COMMUNICATE</b>    |
| MODULE   | <b>Animals Parents and Their Offspring</b> |
| LESSON 1 | Animal Structures                          |
| LESSON 2 | Functions of Animal Structures             |
| LESSON 3 | Animals and Their Parents                  |
| LESSON 4 | Animal Behaviors                           |
| MODULE   | <b>Communication</b>                       |
| LESSON 1 | Animal Communication                       |
| LESSON 2 | Sound                                      |
| UNIT 3   | <b>LIGHT AND SHADOWS</b>                   |
| MODULE   | <b>See Objects</b>                         |
| LESSON 1 | Light                                      |
| LESSON 2 | Light and Materials                        |
| LESSON 3 | Light Uses                                 |
| UNIT 4   | <b>SKY PATTERNS</b>                        |
| MODULE   | <b>Observe the Sky</b>                     |
| LESSON 1 | Objects in the Sky                         |
| LESSON 2 | Day and Night Patterns                     |
| LESSON 3 | Patterns During the Year                   |

| Grade 2  |  |
|----------|--|
| UNIT 1   | <b>LAND AND WATER</b>                      |
| MODULE   | <b>Earth's Landscape</b>                   |
| LESSON 1 | Local Landscapes                           |
| LESSON 2 | Land and Earth                             |
| LESSON 3 | Water on Earth                             |
| UNIT 2   | <b>PROPERTIES OF MATERIALS</b>             |
| MODULE   | <b>Describe Materials</b>                  |
| LESSON 1 | Investigate Materials                      |
| LESSON 2 | Test and Analyze Materials                 |
| MODULE   | <b>Changes to Materials</b>                |
| LESSON 1 | Build with Materials                       |
| LESSON 2 | Materials Can Change                       |
| UNIT 3   | <b>EARTH'S CHANGING LANDSCAPE</b>          |
| MODULE   | <b>Landscape Changes</b>                   |
| LESSON 1 | Slow Changes to Earth's Landscape          |
| LESSON 2 | Quick Changes to Earth's Landscape         |
| LESSON 3 | Design Solutions to Slow Landscape Changes |
| UNIT 4   | <b>LIVING THINGS AND HABITATS</b>          |
| MODULE   | <b>Plants in Landscapes</b>                |
| LESSON 1 | What Plants Need                           |
| LESSON 2 | Plants Depend on Animals                   |
| MODULE   | <b>Living Things in Habitats</b>           |
| LESSON 1 | Local Habitats                             |
| LESSON 2 | Land Habitats                              |
| LESSON 3 | Water Habitats                             |

## K-5 Learning Progression within Each Grade

*Inspire Science* modules are bundled in a sequence designed to support learning progression toward the grade-level Performance Expectations in alignment with the NGSS. The progressions within each grade establish a strong base of knowledge for the Performance Expectations the following years.

## Grade 3

### UNIT 1 FORCES AROUND US

#### MODULE Forces and Motion

LESSON 1 Motion

LESSON 2 Forces Can Change Motion

#### MODULE Electricity and Magnetism

LESSON 1 Electricity and Designing Solutions

LESSON 2 Magnetism and Designing Solutions

### UNIT 2 LIFE CYCLES AND TRAITS

#### MODULE Plants

LESSON 1 Plant Life Cycles

LESSON 2 Plant Traits

#### MODULE Animals

LESSON 1 Animal Life Cycles

LESSON 2 Animal Traits

LESSON 3 Animal Group Survival

### UNIT 3 DIFFERENT ENVIRONMENTS

#### MODULE Survive the Environment

LESSON 1 Survival of Organisms

LESSON 2 Adaptations and Variations

#### MODULE Change the Environment

LESSON 1 Fossils

LESSON 2 Changes Affect Organisms

### UNIT 4 OBSERVING WEATHER

#### MODULE Weather Impacts

LESSON 1 Weather Patterns

LESSON 2 Weather and Seasons

LESSON 3 Natural Hazards and the Environment

LESSON 4 Prepare for Natural Hazards

## Grade 4

### UNIT 1 FORCES AND ENERGY

#### MODULE Energy and Motion

LESSON 1 Forces and Motion

LESSON 2 Speed and Energy

LESSON 3 Energy Transfer in Collisions

### UNIT 2 USING ENERGY

#### MODULE Energy Transfer

LESSON 1 Types of Energy

LESSON 2 Sound and Light

LESSON 3 Electricity

LESSON 4 Heat

#### MODULE Natural Resources in the Environment

LESSON 1 Energy from Nonrenewable Resources

LESSON 2 Energy from Renewable Resources

LESSON 3 Impact of Energy Use

LESSON 4 Design Energy Solutions

### UNIT 3 OUR DYNAMIC EARTH

#### MODULE Earth and Its Changing Features

LESSON 1 Map Earth's Features

LESSON 2 Evidence from Rocks and Fossils

LESSON 3 Changes in Landscapes Over Time

#### MODULE Earthquakes

LESSON 1 Map Earthquakes

LESSON 2 Model Earthquake Movement

LESSON 3 Reduce Earthquake Damage

### UNIT 4 INFORMATION PROCESSING AND LIVING THINGS

#### MODULE Structures and Functions of Living Things

LESSON 1 Structures and Functions of Plants

LESSON 2 Structures and Functions of Animals

#### MODULE Information Processing and Transfer

LESSON 1 Information Processing in Animals

LESSON 2 Role of Animals' Eyes

LESSON 3 Information Transfer

## Grade 5

### UNIT 1 INVESTIGATE MATTER

#### MODULE Matter

LESSON 1 Identify Properties of Materials

LESSON 2 Mixtures and Solutions

LESSON 3 Physical and Chemical Changes

LESSON 4 Solids, Liquids, and Gases

### UNIT 2 ECOSYSTEMS

#### MODULE Matter in Ecosystems

LESSON 1 Plant Survival

LESSON 2 Interactions of Living Things

LESSON 3 Role of Decomposers

#### MODULE Energy in Ecosystems

LESSON 1 Earth's Major Systems

LESSON 2 Cycles of Matter in Ecosystems

LESSON 3 Energy Transfer in Ecosystems

### UNIT 3 EARTH'S INTERACTIVE SYSTEMS

#### MODULE Earth's Water System

LESSON 1 Water Distribution on Earth

LESSON 2 Human Impact on Water Resources

LESSON 3 Effects of the Hydrosphere

#### MODULE Earth's Other Systems

LESSON 1 Effects of the Geosphere

LESSON 2 Effects of the Atmosphere

LESSON 3 Effects of the Biosphere

### UNIT 4 EARTH AND SPACE PATTERNS

#### MODULE Earth's Patterns and Movement

LESSON 1 The Role of Gravity

LESSON 2 Earth's Motion

#### MODULE Earth and Space

LESSON 1 Earth's Place in Space

LESSON 2 Stars and Their Patterns