

# Elementary scope and sequence

The scope and sequence of the program is designed to show that scientific concepts are interconnected and multifaceted. Each unit focuses on a specific learning goal in the form of an overarching unit question. Rather than following linear steps in an experiment, the program leaves room for students to make connections across concepts and make their own discoveries. In this way, Amplify Science replicates the realities and ambiguities of scientific research and thinking.

## Grade K

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- Needs of Plants and Animals
  - Pushes and Pulls
  - Sunlight and Weather

## Grade 1

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- Animal and Plant Defenses
  - Light and Sound
  - Spinning Earth

## Grade 2

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- Plant and Animal Relationships
  - Properties of Materials
  - Changing Landforms

## Grade 3

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- Balancing Forces
  - Inheritance and Traits
  - Environments and Survival
  - Weather and Climate

## Grade 4

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- Energy Conversions
  - Vision and Light
  - Earth's Features
  - Waves, Energy, and Information

## Grade 5

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- Patterns of Earth and Sky
  - Modeling Matter
  - The Earth System
  - Ecosystem Restoration