

# How the World Works

## Inquiry into...

- The natural world and its laws
- The interaction between the natural world (physical and biological) and human societies
- How humans use their understanding of scientific principles
- The impact of scientific and technological advances on society and the environment

# How the World Works

## Unit 2, Pre-K, Year 2

Central Idea: Changing seasons impact our everyday lives.

Concepts: Change, form, and connection

Lines of Inquiry:

- How nature changes with new seasons
- How seasons affect the weather
- How seasons affect the way we dress and act

# How the World Works

## Unit 5, Kindergarten

Central Idea: All living things have a life cycle.

Concepts: Form, function, and change

Lines of Inquiry:

- How do living things develop?
- What do living things need?
- How are living things similar and different?
- What happens if the cycle is broken?

# How the World Works

## Unit 4, Grade 1

Central Idea: Pets and humans benefit from each other.

Concepts: Form, function, and causation

Lines of Inquiry:

- How pets and humans benefit from each other
- Pets' needs

# How the World Works

## Unit 2, Grade 2

Central Idea: Investigating fruits and vegetables from different perspectives helps us understand how the world works.

Concepts: Form, change, and causation

Lines of Inquiry:

- Plants that are harvested in autumn
- Plants that are planted in autumn
- How fruits and vegetables are good for our health

# How the World Works

## Unit 4, Grade 3

Central Idea: Weather impacts how we live.

Concepts: Function, connection, and causation

Lines of Inquiry:

- Local weather and weather in other places
- Forces behind weather
- Ways in which weather affects our daily lives
- Observing and measuring weather

# How the World Works

## Unit 2, Grade 4

Central Idea: Sound is a form of energy.

Concepts: Function, form, and change

Lines of Inquiry:

- Energy takes different forms
- Sound is all around us
- We can create and manipulate sounds
- We can categorize and explore sound

# How the World Works

## Unit 6, Grade 5

Central Idea: Humans have learned to use different resources to provide energy.

Concepts: Perspective, connection, and responsibility

Lines of Inquiry:

- Resources used for energy
- Uses of mineral oil
- The positive and negative effects of the use of oil
- Alternative resources