



Life Science

Earth and Space Science

Physical Science

Engineering Design

Grade 1

How Do Living Things Stay Safe and Grow?

1-LS1-1 • 1-LS1-2 • 1-LS3-1 • K-2-ETS1-1

Supporting: Engineering Design

How Can We Predict When the Sky Will Be Dark?

1-ESS1-1 • 1-ESS1-2 • 1-PS4-2

Supporting: Physical Science

How Can We Light Our Way in the Dark?

1-PS4-2 • 1-PS4-3 • 1-LS1-1 • K-2-ETS1-1

Supporting: Life Science and Engineering Design

How Can We Send a Message Using Sound?

K-2-ETS1-1 • K-2-ETS1-2 • K-2-ETS1-3 • 1-PS4-1 • 1-PS4-4

Supporting: Physical Science

Grade 2

How Can We Find the Best Place for a Plant to Grow?

2-LS2-1 • 2-LS2-2 • 2-LS4-1 • K-2-ETS1-1

Supporting: Engineering Design

What Can Maps Tell Us about Land and Water on Earth?

2-ESS2-2 • 2-ESS2-3 • 2-PS1-1

Supporting: Physical Science

How Can We Change Solids and Liquids?

2-PS1-1 • 2-PS1-2 • 2-PS1-3 • 2-PS1-4 • K-2-ETS1-1

Supporting: Engineering Design

How Can We Stop Soil From Washing Away?

K-2-ETS1-1 • K-2-ETS1-2 • K-2-ETS1-3 • 2-ESS1-1 • 2-ESS2-1

Supporting: Earth and Space Science

Grade 3

What Explains Similarities and Differences Between Organisms?

3-LS1-1 • 3-LS3-1 • 3-LS3-2 • 3-LS4-2 • 3-ESS2-2

Supporting: Earth and Space Science

How Do Weather and Climate Affect Our Lives?

3-ESS2-1 • 3-ESS2-2 • 3-ESS3-1 • 3-5-ETS1-1

Supporting: Engineering Design

How Can We Predict Patterns of Motion?

3-PS2-1 • 3-PS2-2 • 3-PS2-3 • 3-PS2-4 • 3-5-ETS1-1

Supporting: Engineering Design

How Can We Protect Animals When Their Habitat Changes?

3-5-ETS1-1 • 3-5-ETS1-2 • ETS1-3 • 3-LS2-1 • 3-LS4-1 • 3-LS4-3 • 3-LS4-4

Supporting: Life Science

Grade 4

How Can Animals Use Their Senses to Communicate?

4-LS1-1 • 4-LS1-2 • 4-PS4-2 • 4-PS4-3 • 3-5-ETS1-1

Supporting: Physical Science and Engineering Design

What Is Our Evidence That We Live on a Changing Earth?

4-ESS1-1 • 4-ESS2-1 • 4-ESS2-2 • 4-ESS3-2 • 4-PS4-1 • 3-5-ETS1-1

Supporting: Engineering Design and Physical Science

How Does Motion Energy Change in a Collision?

4-PS3-1 • 4-PS3-2 • 4-PS3-3 • 4-LS1-1 • 3-5-ETS1-1

Supporting: Engineering Design and Life Science

How Can We Provide Energy to People's Homes?

3-5-ETS1-1 • 3-5-ETS1-2 • 3-5-ETS1-3 • 4-PS3-2 • 4-PS3-4 • 4-ESS3-1

Supporting: Physical Science and Earth and Space Science

Grade 5

How Can We Predict Change in Ecosystems?

5-LS1-1 • 5-LS2-1 • 5-PS1-1 • 5-PS3-1

Supporting: Physical Science

How Can We Use the Sky to Navigate?

5-ESS1-1 • 5-ESS1-2 • 5-PS2-1 • 3-5-ETS1-1

Supporting: Physical Science and Engineering Design

How Can We Identify Materials Based on Their Properties?

5-PS1-1 • 5-PS1-2 • 5-PS1-3 • 5-PS1-4 • 5-LS1-1

Supporting: Life Science

How Can We Provide Freshwater to Those in Need?

3-5-ETS1-1 • 3-5-ETS1-2 • 3-5-ETS1-3 • 5-ESS2-1 • 5-ESS2-2 • 5-ESS3-1

Supporting: Earth and Space Science

