

WEB - Grade 2

Life Science:

Students develop an understanding that life on Earth depends on energy from the Sun or energy from other organisms to survive.

Core Ideas:

- L1: Organisms are organized on a cellular basis and have a finite
- L2: Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms
- L3: Genetic information is passed down from one generation of organisms to another.
- L4: The unity and diversity of organisms, living and extinct, is the result of evolution.

Standards:

2.L2U1.9 - *Obtain, analyze, and communicate evidence that organisms need a source of energy, air, water, and certain temperature conditions to survive.*

2.L2U1.10 - *Develop a model representing how life on Earth depends on energy from the Sun and energy from other organisms.*

Earth and Space Science:

Students develop an understanding of the distribution and role of water and wind in weather, shaping the land, and where organisms live. Wind and water can also change environments, and students learn humans and other organisms can change environments too.

Core Ideas:

- E1: The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate.

Standards:

2.E1U1.4 - *Observe and investigate how wind and water change the shape of the land resulting in a variety of landforms.*

2.E1U3.7 - *Construct an argument from evidence regarding positive and negative changes in water and land systems that impact humans and the environment.*

Social Studies:

The content areas of civics, economics, geography, history, and disciplinary skills and processes.

Standards:

2.SP3.5 - *Ask and answer questions about explanations and arguments.*

2.SP4.1 - *Generate possible reasons for an event or development.*

2.SP4.2 - *Select which reasons might be more likely than others to explain an event or development.*

2.G2.2 - *Describe how human activities affect the communities and the environment of places or regions.*