

## BTTP - Grade 2

### **Life Science Standards:**

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

#### Core Ideas:

- L2: Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms

#### 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 Standards:**

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.E1U2.6 - *Analyze patterns in weather conditions of various regions of the world and design, test, and refine solutions to protect humans from severe weather conditions.*
- 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 Standards** - Communities: Living and Working Together

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

#### Standards:

### **Social Studies** -

#### Standards:

##### **Skills and Processes**

- 2.SP2.1 - *Compare diverse cultures from around the world using primary sources such as photographs, artifacts, and music and secondary sources such as fiction and non-fiction.*
- 2.SP2.2 - *Compare perspectives of people in the past to those today through stories and biographies.*
- 2.SP3.1 - *Identify facts and concepts associated with compelling and supporting questions.*
- 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.*

**Civics:**

- 2.C2.2 - *Explain how all people, not just official leaders, play important roles in the world*  
1C4.1 - *Explain how people work together to identify and solve problems within our world.*

**Economics:**

- 2.E1.1 - *Identify different occupations and skills needed in a global economy.*  
2.E1.2 - *Describe reasons to save or spend money.*  
2.E3.1 - *Identify and describe the goods and services that are produced around the world.*  
2.E3.2 - *Explain how people around the world earn income.*  
2.E3.3 - *Explain how people can be producers and consumers in a global economy.*  
2.E5.1 - *Illustrate how a country's resources determine what is produced and traded.*

**Geography:**

- 2.G1.2 - *Use maps, globes, and other simple geographic models to identify and explain cultural and environmental characteristics of places in the world based on stories shared.*  
2.G2.1 - *Explain how weather, climate, and other environmental characteristics affect people's lives in a place or region being studied.*  
2.G2.2 - *Describe how human activities affect the communities and the environment of places or regions.*  
2.G2.3 - *Describe the positive and negative effects of using natural resources.*  
2. G3.1 - *Explain why and how people, goods, and ideas move from place to place.*  
2.G4.1 - *Identify different physical and cultural regions in the world.*

**History:**

- 2.H1.1 - *Explain how individuals can make contributions to a civilization and/or culture in place or region studied.*  
2.H1.2 - *Using primary and secondary sources, compare civilizations and/or cultures around the world and how they have changed over time in a place or region studied.*  
2.H1.3 - *Examine developments from the civilization and/or culture in a place or region studied.*