

#### Understand the different parts of space

- Identify equipment and instruments used to explore space
- Identify contributions of select scientists and space programs
- Differentiate between the rotation and revolution of Earth
- Identify why there are different phases of the moon

#### Understand the biotic and abiotic factors of an ecosystem

- Identify different biotic and abiotic factors
- Explain how varying biotic and abiotic factors affect an organism
- Identify how organisms are categorized within an ecosystem
- Demonstrate cycles of how energy and matter flow through an ecosystem
- Classify organisms

#### Understand there are factors that disturb an ecosystem

- Identify the natural and human-made factors that affect an ecosystem

#### Understand the function of different systems within the human body

- Explain the function of the circulatory system
- Explain the function of the respiratory system
- Explain the function of the excretory system
- Explain the function of the nervous system
- Explain the function of the immune system
- Explain the function of the skeletal system
- Explain the function of the muscular system
- Explain the function of the skin

#### Understand that energy comes in different forms and can change as it travels

- Name different forms of energy
- Identify ways energy can change to different forms
- Identify ways in which energy travels
- Describe conduction, convection, and radiation

#### Understand the properties of light and sound, including how they travel

- Identify the parts of a wave
- Describe the electromagnetic spectrum
- Identify the properties of sound and how it travels
- Identify the properties of light and how it travels

#### Enrichment:

Ecosystem Module Kit, Rainforest Mural, Idlewild Field Trip, Science Fair Projects, Exploring Science Projects (ESP), Hands-on Learning, Science Lab access