

Journey Onward



Star Patterns

Grades: K - 3

In this interactive program about constellations, students learn to recognize star patterns and the names of constellations visible in the night sky above Hawaiʻi. They will use flashcards to review star patterns and then play a memory game to test their ability to recognize constellations and remember their names. This program includes Hawaiian names for stars and constellations.

Outcomes

- Students learn to recognize star patterns and their names.
- Students become familiar with constellations visible in Hawaiʻi's night sky and are inspired to look for them from their own backyards.
- Students interact with each other and test their knowledge of star patterns through flashcards and an interactive game.
- Students learn that observation is an important part of the scientific method.
- Students discover cultural connections to stars and learn the importance of constellations (star patterns and star lines) to Hawaiian navigators.

HCPS III Benchmarks

SC.K.1.1: Use the senses to make observations.

SC.K.1.2: Ask questions about the world around them.

SS.K.7.2: Use terms to describe relative location (e.g., above/below, near/far, left/right, and cardinal directions).

SC.K.8.2: Identify different types of celestial objects seen in the day and night sky.

SC.2.1.1: Develop predictions based on observations.

SC.3.1.1: Pose a question and develop a hypothesis based on observations.

SC.3.8.4: Describe that constellations stay the same, though they "appear" to move across the night sky.

SS.3.6.3: Explain how cultural elements (e.g., language, art, music, stories, legends, and traditions) can change over time and explain possible reasons for that change.

Nā Honua Maui Ola Guidelines

7.4 Communicate and participate in activities and special functions where Hawaiian is used.