

Universe Lesson Plan Seven

Graphing the Circumpolar Constellations

Standard IV: Students will understand the scale size, distance between objects, movements, and apparent motion (due to Earth's rotation) of objects in the universe and how cultures have understood, related to and used these objects in the night sky.

Objective 2: Describe the appearance and apparent motion of groups of stars in the night sky relative to Earth how various culture have understood them.

Indicator a: Locate and identify stars that are grouped in patterns in the night sky.

1. Follow up on if they found some of the circumpolar constellations in the sky from Lesson 6.
2. Have them write in their journals their experiences in finding the circumpolar stars. Have them draw them in their journals in their respective positions.
3. Do the Constellation Dot-to-Dot Activity. Discuss with them:
 - a. How they were able to make these constellations this certain way.
 - b. How this like the sky.