Laarman Lesson Plan

6th Grade Earth Science

Week of 3/31/25

Book H, Unit 1

Monday and Tuesday

1. Introduce Space Unit
2. Introduce first topic: patterns in the sky
3. Using Stellarium, show patterns in the sky
   1. What path does the Sun take across our sky? Why is it so different in the summer compared to the winter? What’s it like near the poles?
   2. Do stars appear to travel across the sky over the course of the night, or do they stay in one place? How do you explain this?
4. Complete Lesson 1, Exploration 1: Analyzing Daily Patterns in the Sky
5. Return to Stellarium: can you explain the patterns we talked about before?

Wednesday and Thursday

1. Exploration 2: Moon Phases
2. Ask: does the moon rise and set at the same time each day?
   1. Demonstration: The moon moves 1/27th of the way around the earth in the amount of time the Earth does one revolution

Friday (sub)

1. Exploration 3: Eclipses