Curriculum Map For

Astronomy

Textbook: *Explorations, An Introduction to Astronomy by Arny and Schneider*

Additional Resource: *Where We Are in Space and Time* from Project Star, Harvard-Smithsonian for Astrophysics

Earth and Moon (12 Days)

1. Origins
2. Orbits and eclipses
3. Lunar Exploration
4. Interaction between them

The Sun, Our Star (8 Days)

1. Origin and Future
2. Composition
3. Solar Storms
4. Structure
5. Aurora Borealis

Solar System (14 Days)

1. Origin
2. Moons and Rings
3. Planet Exploration
4. Orbits and Rotation

Star Evolution (10 Days)

1. H-R Diagrams
2. White Dwarf
3. Neutron Stars
4. Black Holes

The Milky Way Galaxy (10 Days)

1. Origin and Future
2. Constellations
3. Movement
4. Size

Telescopes (7 Days)

1. Optical
2. Radio
3. Hubble Telescopes
4. Other Optical Telescopes

Distances in Space (12 Days)

1. Parallax
2. Variable Stars
3. Hubble Constant

The Universe (14 Days)

1. Origin and Future
2. Dark Matter
3. Dark Energy
4. Life??