

Curriculum Map
For
Astronomy

Textbook: *Journey to the Cosmic Frontier* by John D. Fix

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

Earth and Moon (12 days)

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

The Milky Way Galaxy (10 days)

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

The Sun, Our Star (8 days)

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

Telescopes (7 days)

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

Solar System (14 days)

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

Distances in Space (12 days)

1. Parallax
2. Variable Stars
3. Hubble Constant

Star Evolution (10 days)

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

The Universe (14 days)

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