

## Unit 1

### Topics & Text References: [**~16 pages in text**]

- Ancient Greeks and the Geo-centric view of the Universe
  - §2-2
  - Guided Discovery (p. 46)
- Heliocentric Revolution
  - §2-3 to 2-6, §2-8
  - Guided Discovery (p. 49)
  - Astronomer's Toolbox 2-3

## Unit 2

### Topics & Text References: [**~17 pages in text**]

- Motions of the Earth
  - §1-5 to 1-8
- The Earth's Moon
  - §1-11 to 1-14

## Unit 3

### Topics & Text References: [**~50 pages in text**]

- The Earth
  - §6-2 to 6-4
- Earth's Moon
  - §6-5 to 6-8
- Mercury, Venus, Mars
  - Chapter 7

## Unit 4

### Topics & Text References: [**~34 pages in text**]

- The Jovian Planets
  - Chapter 8

Note: Look at Summary Tables regarding characteristics of the planets

Table 7-1 p225

Table 8-1 p268

## Unit 5

### Topics & Text References: [**~47 pages in text**]

- Satellites & Rings
  - Jupiter: §8-4(with its intro) to 8-8
  - Saturn: §8-10, 8-11
  - Uranus: §8-15
  - Neptune: §8-17
- The Minor Planets
  - Chapter 9 Introduction
  - §9-1 to 9-3
  - Comets: §9-6(with its intro) to 9-9
  - Meteors: §9-10 to 9-13
- Origin of the Solar System
  - Chapter 5

## Unit 6

### Topics & Text References: [**~20 pages in text**]

- The Nature of Light
  - §3-1, 3-2 and 3-4
- Atomic Physics and Spectra
  - §4-1 to 4-4 (with intros 4-3, 4-4), §4-7
  - Astronomer's Toolbox 4-1 and 4-3

## Unit 7

### Topics & Text References: [**~17 pages in text**]

- The Sun
  - §10-1 to 10-5, §10-7, 10-8, 10-10
  - Astronomer's Toolbox 10-1

## Unit 8

### Topics & Text References: [**~21 pages in text**]

- Properties of Stars
  - §11-1 to 11-12
  - Astronomer's Toolbox 11-1, 11-2, 11-4

## Unit 9

### Topics & Text References: [**~19 pages in text**]

- Evolution of Stars
  - Introduction, §12-1 to 12-4, §12-6, 12-7, §12-9 to 12-11

## Unit 10

### Topics & Text References: [**~35 pages in text**]

- Variable Stars
  - §12-12 to 12-14
- Death of Stars
  - Introduction, §13-1 to 13-8
  - §13-10 to 13-11, and §13-13
- Black Holes
  - §14-1 to 14-5, 14-7, 14-8
  - Astronomer's Toolbox 14-1

## Unit 11

### Topics & Text References: [**~38 pages in text**]

- Our Galaxy
  - Introduction, §15-1 to 15-7
- Other Galaxies
  - §16-1 to 16-6, §16-8 to 16-12(with intro), §16-13
  - Astronomer's Toolbox 16-1

## Unit 12

### Topics & Text References: [**~33 pages in text**]

- Quasars
  - Introduction, §17-1 to 17-5
- Other Galaxies
  - §18-1 to 18-4, §18-6 to 18-15
  - Astronomer's Toolbox 18-1