High School Course Outline by Kelley Janes

Quarter 1

* ¡Scale of the universe

÷SCALE MODELS

* ¡Motions of the sky

÷MODELING THE NIGHT SKY

÷EQUATORIAL SUNDIALS

* ¡Comparative solar system project
* ¡Earth moon system

Quarter 2

* ¡Ancient astronomy through 1609
* Roots of astronomy project
* Copernicus, Brahe, Kepler, Galileo

÷ELLIPTICAL ORBITS

* The telescope

Quarter 3

* Interpreting light
* Electromagnetic spectrum

÷MULITWAVELENGTH ACTIVITY

* Stellar evolution

÷LIVES OF STARS

* Observation Project

Quarter 4

* Galaxies

÷STARS AND GALAXIES

* Cosmology

÷Cosmic Times: The Evidence is Clear

* Student choice poster project