

Science Unit Outline and Vocabulary

Chapter 13-Sky Watching and the Solar System

- 13.1-What Can We See in the Night Sky
- 13.3-The Effects of Planetary Motion
- 13.4-Recognizing Constellations
- 13.6-Different Views of the Night Sky
- 13.10-The Solar System
- 13.11-A Model of the Solar System
- 13.12-Probes to Other Planets
- 13.14-A Closer Look at the Planets
- 13.15-Other Objects in the Solar System

Chapter 14-The Nature of the Universe

- 14.1-Changing Ideas About the Universe
- 14.4-Distances in Space
- 14.5-Scaling the Universe
- 14.6-Telescopes
- 14.7-The Sun: An Important Star
- 14.10-Characteristics of Stars
- 14.11-Galaxies and Star Clusters

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Chapter 15-The History of the Universe

- 15.1-The Life of a Star
- 15.2-The Origin of the Planets
- 15.4-Evidence of an Expanding Universe
- 15.5-The Origin of the Universe
- 15.6-The Hubble Deep Field

Chapter 16-Space Research and Exploration

- 16.1-Getting Into Space
- 16.3-Earth Orbit Satellites
- 16.4-RADARSAT and LANDSAT
- 16.5-Tracking Satellites and Other Objects
- 16.6-International Space Station
- 16.7-Humans in Space
- 16.10-Space Medicine

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Chap 13

asteroid	orbital period
outer planet	planet
revolution	rotation
satellite	solar system
astronomical unit	star
astronomy	Sun
axis	terrestrial planet
comet	universe
constellation	zodiac
gas giant	inner planet
light pollution	meteorite
meteoroid	non-luminous
orbit	

Chap 14

absolute magnitude	radio telescope
apparent magnitude	reflecting telescope
chromosphere	refracting telescope
corona	solar flare
Earth centred universe	solar prominence
electromagnetic spectrum	spectroscope
galaxy	star cluster
light-year	Sun-centred solar system
nuclear fusion	sunspot
observatory	triangulation
photosphere	visible spectrum
quasar	

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Chap 15

Big Bang Theory	pulsar
black hole	red giant
cosmology	red shift
gravity	red supergiant
nebula	supernova
neutron star	white dwarf
planetary system	

Chap 16

aircraft	outer space
free fall	radar
geosynchronous orbit	remote sensing
Global Positioning system	space probe
International Space Station	spacecraft
launcher	spinoff
low Earth orbit	thrust
payload	weight

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