

ASTRONOMY STUDY GUIDE

Universe and Galaxies:

- The Big Bang Theory - the theory that our solar system was formed after a large explosion.
- The name of our galaxy - The Milky Way
- The next closest galaxy - Andromeda
- Universe - all space and everything in it.
- Types of Galaxies:



Spiral



Elliptical



Irregular

Planetary Motion:

- Orbit - the path that a planet travels
- Rotate - to spin as if on an axis
 - causes day and night on Earth
- Revolve - to travel around the sun
 - causes the seasons on Earth

Gravity, Tides, and Black Holes:

- Gravity - a force between bits of matter. Responsible for holding things to the ground.
- The moon's gravity causes tides on Earth.
- Black Hole - a large star that has collapsed/died. The gravity is so strong that not even light can escape.

9th Grade Astronomy Study Guide

N Noddings



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Resources in Education ,1989 **Christian Home Educators' Curriculum Manual** Cathy Duffy,1997-11 **ENC Focus** ,2001 **Intro to Astronomy Parent Lesson Plan** ,2013-10-01 This Intro to Astronomy Curriculum Guide contains materials for use with The Stargazer s Guide to the Night Sky Lesson Planner Weekly Lesson Schedule Student Worksheets Quizzes Test Answer Key 7th 9th grade 1 Year Science 1 2 Credit Features Each suggested weekly schedule has three easy to manage lessons which combine reading worksheets and vocabulary building opportunities including an expanded glossary for each book Designed to allow your student to be independent materials in this resource are divided by section so you can remove quizzes tests and answer keys before beginning the coursework As always you are encouraged to adjust the schedule and materials as you need to in order to best work within your educational program Workflow Students will read the pages in their book and then complete each section of the study guide worksheets Tests are given at regular intervals with space to record each grade Younger students may be given the option of taking open book tests Lesson Scheduling Space is given for assignment dates There is flexibility in scheduling For example the parent may opt for a M W schedule rather than a M W F schedule Each week listed has five days but due to vacations the school work week may not be M F Please adapt the days to your school schedule As the student completes each assignment he she should put an X in the box **Planning a Continuous Science Program for All Junior High School Youth** Adrian N. Gentry,1967 Geotimes ,1962 School and Community ,1922 Journal of Geological Education ,1995 Florida School Bulletin ,1965 Standard Catalog for High School Libraries ,1929 The 1st ed accompanied by a list of Library of Congress card numbers for books except fiction pamphlets etc which are included in the 1st ed and its supplement 1926 29 The Independent School Guide Lois H. Coerper,Shirley W. Mersereau,1995-06 *Resources in Education* ,1997 **Abstracts of Theses for Higher Degrees** University of Colorado (Boulder campus),1929 **School Science and Mathematics** ,1914 *Course of Study for Christian Schools* National Union of Christian Schools,1947 **The Science Teacher** ,1996 Some issues are accompanied by a CD ROM on a selected topic **Annual Report** Saint Louis (Mo.). Board of Education,1924 Astronomical Education with the Internet M. Okyudo,T. Ebisuzaki,M. Nakayama,1998 Selected Free Materials for Classroom Teachers Ruth H. Aubrey,1969 **Education and Professional Employment in the U.S.S.R.** Nicholas De Witt,1961

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