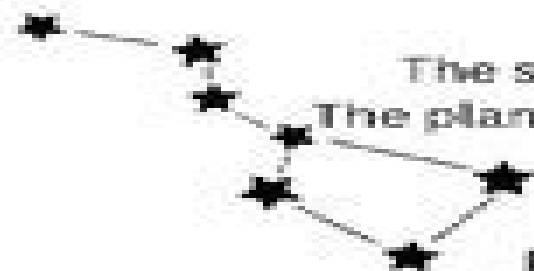


# Solar System Study Guide

Our ancient solar system includes the sun, planets, dwarf planets, moons, dust, gas, comets, and asteroids. Our solar system is part of the Milky Way galaxy.



The sun is the center of the universe.  
The planets revolve, or orbit in oval shaped paths around the sun.



## Planets in order from the sun:

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

My Very Educated Mother Just Served Us Nachos

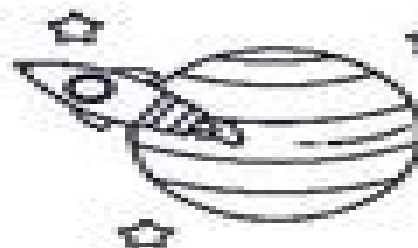
To remember which M planet is Mercury or Mars: MY starts with an M and ends in a Y, just like Mercury

## Terrestrial Planets:

Mercury  
Venus  
Earth  
Mars

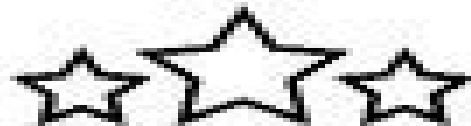
## Gas Giants:

Jupiter  
Saturn  
Uranus  
Neptune



## Dwarf Planets are

☆ small in size and have an irregular orbit. Pluto is considered a dwarf planet.



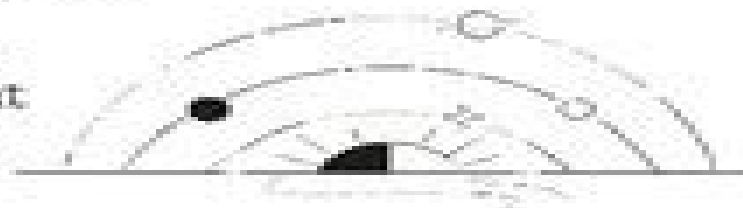
## Planets in order by size:

Jupiter, Saturn, Uranus, Neptune, Earth, Venus, Mars, Mercury

JaSUN Eats Vanilla M & Ms.

Saturn is well known for its rings, but actually all the gas giants have rings.

Uranus is the only planet that rotates on its side.



# Solar System Study Guide Third Grade

**Thomas Williams Bicknell, Albert  
Edward Winship, Anson Wood Belding**



## **Solar System Study Guide Third Grade:**

*Third Grade Solar System* Der Xiong Carenzo, California State Polytechnic University, Pomona. College of Education & Integrative Studies, 2007

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and current and offer students the opportunity to Ask questions and find their own answers Experiment productively Develop patience persistence and confidence in their own ability to solve real problems The entries in the curriculum section are grouped by scientific area Life Science Earth Science Physical Science and Multidisciplinary and Applied Science and by type core materials supplementary materials and science activity books Additionally a section of references for teachers provides annotated listings of books about science and teaching directories and guides to science trade books and magazines that will help teachers enhance their students science education Resources for Teaching Elementary School Science also lists by region and state about 600 science centers museums and zoos where teachers can take students for interactive science experiences Annotations highlight almost 300 facilities that make significant efforts to help teachers Another section describes more than 100 organizations from which teachers can obtain more resources And a section on publishers and suppliers give names and addresses of sources for materials The guide will be invaluable to teachers principals administrators teacher trainers science curriculum specialists and advocates of hands on science teaching and it will be of interest to parent teacher organizations and parents

**Handbook of Research on Children's and Young Adult Literature** Shelby Wolf,Karen Coats,Patricia Enciso,Christine Jenkins,2011-04-27 This landmark volume is the first to bring together leading scholarship on children s and young adult literature from three intersecting disciplines Education English and Library and Information Science Distinguished by its multidisciplinary approach it describes and analyzes the different aspects of literary reading texts and contexts to illuminate how the book is transformed within and across different academic figurations of reading and interpreting children s literature Part one considers perspectives on readers and reading literature in home school library and community settings Part two introduces analytic frames for studying young adult novels picturebooks indigenous literature graphic novels and other genres Chapters include commentary on literary experiences and creative production from renowned authors and illustrators Part three focuses on the social contexts of literary study with chapters on censorship awards marketing and literary museums The singular contribution of this Handbook is to lay the groundwork for colleagues across disciplines to redraw the map of their separately figured worlds thus to enlarge the scope of scholarship and dialogue as well as push ahead into uncharted territory

**The Well-Trained Mind** Susan Wise Bauer,Jessie Wise,2009-05-04 Outstanding should be on every home educator s reference bookshelf Homeschooling Today This educational bestseller has dominated its field for the last decade sparking a homeschooling movement that has only continued to grow It will instruct you step by step on how to give your child an academically rigorous comprehensive education from preschool through high school Two veteran home educators outline the classical pattern of education the trivium which organizes learning around the maturing capacity of the child s mind With this model you will be able to instruct your child in all levels of reading writing history geography mathematics science foreign languages rhetoric logic art and music regardless of your own aptitude in those subjects Newly revised and updated The Well Trained Mind includes

detailed book lists with complete ordering information up to date listings of resources publications and Internet links and useful contact information      **Congressional Record** United States. Congress,1971 The Congressional Record is the official record of the proceedings and debates of the United States Congress It is published daily when Congress is in session The Congressional Record began publication in 1873 Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States 1789 1824 the Register of Debates in Congress 1824 1837 and the Congressional Globe 1833 1873      **Big6, Large and in Charge** Annette C.H. Nelson,Danielle N. DuPuis,2013-03-21 This book helps teachers and teacher librarians effectively collaborate to teach students the concept of the Big6 and complete research projects in meaningful and memorable ways Utilizing the popular and familiar illustrated graphic novel format that appeals to young learners Big6 Large and in Charge Project Based Information Literacy Lessons for Grades 3 6 is a book of collaborative unit plans for teacher librarians and teachers that includes all the reproducible materials needed to implement the units The units are based around the Common Core State Standards AASL Standards for the 21st Century Learner and other national content standards Developed by two library media specialists with extensive experience in creating educational and entertaining lesson plans for teachers the book takes the concept of Big6 a step further by transforming the process into an engaging character who drops in to help students solve the problems The exercises presented are based on interesting realistic situations and are specifically designed to encourage critical thinking      *Tennessee Teacher* ,1962

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Drilled to Write Rifenburg invites readers to see how cadets are positioned between civilian and military life a curiously liminal space where they develop as writers Using Army ROTC as an entry into genre theory and larger conversations about the role higher education plays in developing Army officers he shows how writing students develop genre awareness and flexibility while forging a personal identity

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element called target is bombarded with an accelerated particle called projectile bomb to transform the target into a new nucleus having a new chemical physical properties the projectiles bombs can be accelerated by using

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transformations can occur as a result of nuclear decay of radioactive isotopes or neutron capture neither procedure requires a change in the atom s element an atom gets transmuted into an atom of a different element when the number of protons in it is changed

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unlike a normal chemical reaction that forms molecules nuclear reactions result in the transformation of one element into another this property of nuclear reactions is used in nuclear power plants to gather nuclear energy the three common types of radiations are explained below

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in all accelerators the particles move in a vacuum to avoid collisions with gas molecules when neutrons are required for transmutation reactions they are usually obtained from radioactive decay reactions or from various nuclear reactions occurring in nuclear reactors

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nuclear reaction a nuclear reaction is a process in which two nuclei or a nucleus and an external subatomic particle collide to

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