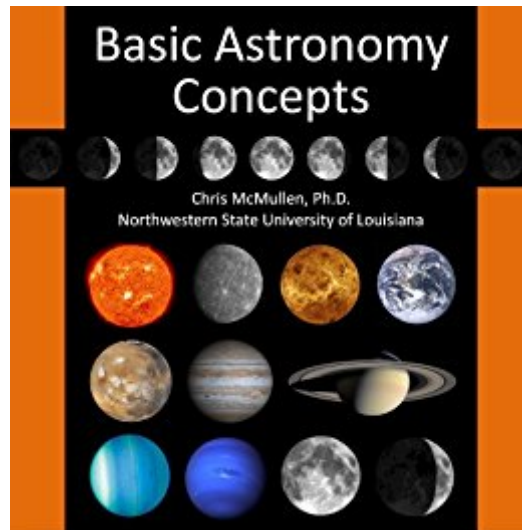


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# An Introduction To Basic Astronomy Concepts (with Space Photos)



## Synopsis

Also available in paperback (full-color ISBN 978-1478169383, black and white ISBN 978-1478169727). This eBook provides a highly visual and colorful introduction to a variety of basic astronomy concepts: Overview of the Solar System Understanding the Lunar Phases Understanding Solar and Lunar Eclipses Understanding the Seasons Evidence that the Earth is Round Models of Our Solar System Laws of Motion in Astronomy Beyond Our Solar System This eBook features numerous NASA space photos. (NASA did not participate in the writing or publication of this eBook.) Many diagrams, like the heliocentric and geocentric models or explaining the phases of the moon, were constructed by combining together NASA space photos instead of simply drawing circles. The content is suitable for a general interest audience, as well as those who may be learning astronomy and are looking for some supplemental instruction that is highly visual and focused on a variety of fundamental concepts. There are about 17,000 words in this eBook and over 100 color images. (The paperback edition of this eBook has 186 pages.) Tips: A few of the photos can look much larger if you simply rotate your eReader 90 degrees, switching between portrait and landscape mode. (Some popular eReaders also allow you to zoom in on an individual picture, though the zoom option is not always easy to find.) Remember that you can change the font size on your eReader to make the text larger or smaller (but, unfortunately, this may not affect the size of the equations, but, fortunately, there are only a few equations in this eBook). The author, Chris McMullen, is a physics and astronomy instructor at Northwestern State University of Louisiana. He earned his Ph.D. in physics at Oklahoma State University in phenomenological high-energy physics (particle physics). His doctoral dissertation was on the collider phenomenology of superstring-inspired large extra dimensions, a field in which he has coauthored several papers.

## Book Information

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## Customer Reviews

This is a very brief explanation of the physical facts that we know today, about a galaxy and the objects found in it. It also touches on some of the visual effects you can see, such as the phases of the moon and inner planets. The reason for eclipses of the moon and Sun. The author covers the differences between comets and asteroids. He describes the planets in great detail. I would recommend this booklet to anyone who may be interested in space, astronomy or science. I would not recommend this book for those who have taken an astronomy class at school or to those who are thinking of purchasing a telescope.

Introduction in the world of astronomy. Good book to page back through for reference. Not too technical for someone getting into the wonderful field of astronomy.

Very readable, keeps things simple, but lays important foundations for future learning. Diagrams are clear and help to visualise what is happening, with nice space pictures also. I liked the summary pieces too that helped anchor learning.

Wonderful introduction to subject that really illustrates lunar phases and gives reasoning behind evolution of modern ideas of heliocentric model, round earth and Newton's laws. Even gives broad idea on stellar system

This book was a quick, easy to understand, very interesting read to re-familiarize myself with the solar system. I did wish that I had gotten the one in color but it sufficed for informational purposes.

Thanks to Chris for this easy and dynamic explanation of astronomy. I learned a lot!

Elementary way of explaining planets so that anyone can understand.

Very informative book. Interesting reading but not too deep.

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