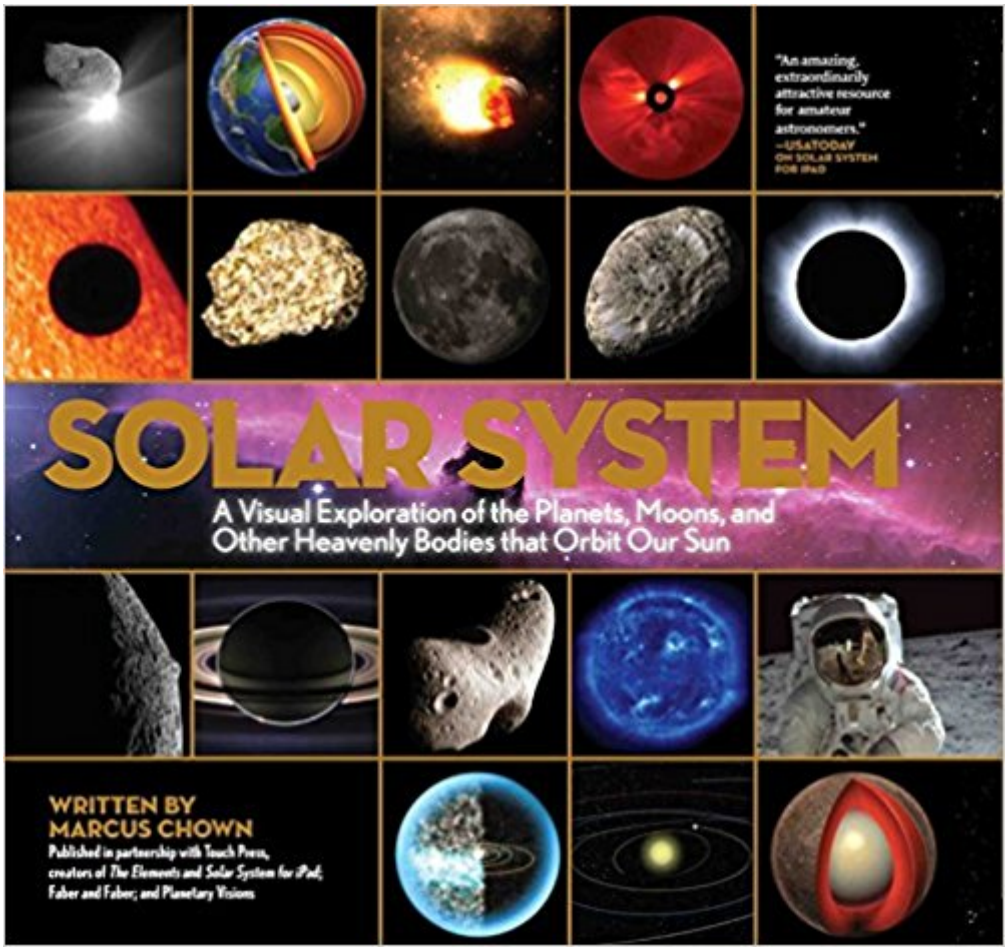
Solar System: A Visual Exploration Of All The Planets, Moons And Other Heavenly Bodies That Orbit Our Sun



Synopsis

Based on the latest ebook sensation developed by Theodore Gray and his company Touch Press, this beautiful print book presents a new and fascinating way to experience the wonders of the solar systemFollowing the stunning success of both the print edition and the app of The Elements, Black Dog & Leventhal and Touch Press have teamed up again. Solar System is something completely new under the sun. Never before have the wonders of our solar system?all its planets, dwarf planets, the sun, moons, rocky Asteroid Belt, and icy Kuiper Belt?been so immediately accessible to readers of all ages. Beginning with a fascinating overview and then organized by planet, in order of its distance from the sun, Solar System takes us on a trip across time and space that includes a front-row seat to the explosive birth of the solar system, a journey to (and then deep inside) each of its eight planets, and even an in-depth exploration of asteroids and comets. With hundreds of gorgeous images produced especially for this project and through a collaboration between NASA and the graphics experts at Planetary Visions Ltd. and Joe Zeff Design, Solar System gives us page after page of unique, detailed, and never-before-seen views, both photographic and computer-generated. Take a dive down into the canyons of Mars; ride across the rings of Saturn; fly over the volcanoes of Io, Jupiter’s so-called Pizza Moon; and sail through the fiery loops of gas that are constantly erupting from our sun. Every planet and moon is introduced with a big, beautiful, full-page image and a databox that shows the orbit and position of the planet or moon in relation to surrounding bodies, as well as the diameter, mass, volume, surface temperature, atmospheric makeup, and orbital period of the planet; a scale comparison graphic; and a planet cross-section for the eight planets. Throughout, award-winning author and CalTech radio astronomer Marcus Chown explains everything to us in his easy-to understand, exciting style. The result is a gorgeous and thoroughly entertaining?not to mention educational?book.

Book Information

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Customer Reviews

In the tradition of The Elements: A Visual Exploration of Every Known Atom in the Universe comes a new book from the same publisher, this time covering details of the entire solar system. While my bookshelf has many books on astronomy, this is by far the most beautiful (and updated) book I have purchased or seen to date. To start, it indeed follows the new scientific line that there are 8 major planets and 5 dwarf planets, but it goes so much further.Great photos include a full page photo of the first directly detected alien planet, and a special page for each of the major features in our solar system. Just like in The Elements, each page includes hard data. In the case of the Solar System, you can read the length of day, axial tilt, diameter, mass, volume, gravity, escape velocity, surface temperature, atmospheric composition and mean density. The side of each page indicates temperature and density on a relative scale. For easy comparison, you can flip back and forth between various celestial bodies.The book begins with some of the most stunning photos of the sun that NASA has created to date thanks to the new SDO. The book describes new details on the physics of the sun that may be unfamiliar even to seasoned astronomers. There is even fascinating history, such as the magnetometer images of the solar flare in 1859 and how nobody believed the scientist who discovered it. The book tells the story of the sun’s composition and how people thought the sun was made of iron until quantum theory.

Solar System: A Visual Exploration of the Planets, Moons, and Other Heavenly Bodies that Orbit Our Sun by Marcus Chown"Solar System" is the visually stunning book about our solar system. This perfect coffee table book is adorned with hundreds of striking high quality images and graphics and complimented with fascinating facts. Award-winning author and former astronomer Marcus Chown provides the words behind the pictures and educates the public on the awe-inspiring wonders of our Solar System. This elegant 224- page book covers the planets, moons, asteroids, dwarf planets and other components of our Solar System.Positives:1. An absolute visual treat. High quality photos on high-quality binding does this dazzling book justice.2. An accessible book for the masses. A great book for all ages.3. A great format for a book of this kind. The author provides a topical narrative and a fact sheet on the right hand of the page. The fact sheet is basically a "vital statistics" of each

astronomical body. Providing information such as: size, mass, surface temperature, mean density, maps, etc...Great stuff!4. The book was published in late 2011 so it's current.5. Not only is the book visually stimulating it is quite enlightening too. The author inserts interesting topics throughout the book. Einstein vs. Newton as an example.6. Interesting tidbits throughout, like how to spot of a planet.7. Every planet is obviously covered but each planets most significant moons too and some are quite fascinating.8. This is the kind of book that can satisfy the curiosity of a child. As a child, I loved reading my Encyclopedia this may have the same effect on your children.9. Great topics, is there life on Mars?10. The Asteroid Belt.

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