[Book] The Periodic Table Book A Visual Encyclopedia Of The Elements

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The Periodic Table Book-DORLING KINDERSLEY P 2017-03-30 The Periodic Table Book is the perfect visual guide to the chemical elements that make up our world. This eye-catching encyclopedia takes children on a visual tour of the 118 chemical elements of the periodic table, from argon to zinc. It explores the naturally occurring elements, as well as the man-made ones, and explains their properties and atomic structures. Using more than 1,000 full-colour photographs, The Periodic Table Book shows the many natural forms of each element, as well as a wide range of both everyday and unexpected objects in which it is found, making each element relevant for the child's world.

The Periodic Table Book-DK 2017-03-30 The Periodic Table Book is the perfect visual guide to the chemical elements that make up our world. This eye-catching encyclopedia takes children on a visual tour of the 118 chemical elements of the periodic table, from argon to zinc. It explores the naturally occurring elements, as well as the man-made ones, and explains their properties and atomic structures. Using more than 1,000 full-colour photographs, The Periodic Table Book shows the many natural forms of each element, as well as a wide range of both everyday and unexpected objects in which it is found, making each element relevant for the child's world.

The Elements Book-Tom Jackson 2017-04-04 Profiles every element on the periodic table and describes their properties, when they were discovered, and how they're used in household materials.

The Periodic Table I-D. Michael P. Mingos 2020-02-05 As 2019 has been declared the International Year of the Periodic Table, it is appropriate that Structure and Bonding marks this anniversary with two special volumes. In 1869 Dmitri Ivanovitch Mendeleev first proposed his periodic table of the elements. He is given the major credit for proposing the conceptual framework used by chemists to systematically inter-relate the chemical properties of the elements. However, the concept of periodicity evolved in distinct stages and was the culmination of work by other chemists over several decades. For example, Newland's Law of Octaves marked an important step in the evolution of the periodic system since it represented the first clear statement that the properties of the elements repeated after intervals of 8. Mendeleev's predictions demonstrated in an impressive manner how the periodic table could be used to predict the occurrence and properties of new elements. Not all of his many predictions proved to be valid, but the discovery of scandium, gallium and germanium represented sufficient vindication of its utility and they cemented its enduring influence. Mendeleev's periodic table was based on the atomic weights of the elements and it was another 50 years before Moseley established that it was the atomic number of the elements, that was the fundamental parameter and this led to the prediction of further elements. Some have suggested that the periodic table is one of the most fruitful ideas in modern science and that it is comparable to Darwin's theory of evolution by natural selection, proposed at approximately the same time. There is no doubt that the periodic table occupies a central position in chemistry. In its modern form it is reproduced in most undergraduate inorganic textbooks and is present in almost every chemistry lecture room and classroom. This first volume provides chemists with an account of the historical development of the Periodic Table and an overview of how the Periodic Table has evolved over the last 150 years. It also illustrates how it has guided the research programmes of some distinguished chemists.

The Periodic Table-Primo Levi 2012 An extraordinary work in which each of the 21 chapters takes its title and starting point from one of the elements in the periodic table. Mingling fact and fiction, history and anecdote, Levi uses his training as a chemist and his experiences as a prisoner in Auschwitz to illuminate the human condition.

The Periodic Table of Elements Coloring Book-Teresa Bondora 2010-07-31 A coloring book to familiarize the user with the Primary elements in the Periodic Table. The Periodic Table Coloring Book (PTCB) was received worldwide with acclaim. It is based on solid, proven concepts. By creating a foundation that is applicable to all science ("Oh yes, Hydrogen, I remember coloring it, part of water, it is also used as a fuel; I wonder how I could apply this to the vehicle engine I am studying...") and creating enjoyable memories associated with the elements science becomes accepted. These students will be interested in chemistry, engineering and other technical areas and will understand why those are important because they have colored those elements and what those elements do in a non-threatening environment earlier in life.

The Periodic Table-Sean Callery 2017-09-26 Looking at the periodic table can be a bit daunting... how can you possibly remember what 118 different elements do? The Periodic Table takes a new approach to this important science topic by offering a fully visual guide to the elements. Featuring eye-popping photography and an enormous wealth of cool facts, this is the only book you'll need to help you learn about the basic building blocks that make up everything in our world.

A Guide to the Elements-Albert Stwertka 2002-05-02 Presents the basic concepts of chemistry and explains complex theories before offering a separate article on each of the building blocks that make up the universe.

The Periodic Table-Paul Parsons 2014-03-11 As one of the most recognizable images in science, the periodic table is ingrained in our culture. First drawn up in 1869 by Dmitri Mendeleev, its 118 elements make up not only everything on our planet but also everything in the entire universe. The Periodic Table looks at the fascinating story and surprising uses of each of those elements, whether solid, liquid or gas. From the little-known uses of gold in medicine to the development of the hydrogen bomb, each entry is accompanied by technical data (category, atomic number, weight, boiling point) presented in easy-to-read headers, and a colour coding system that helps the reader to navigate through the different groups of elements. A remarkable display of thought-provoking science and beautiful photography, this guide will allow the reader to discover the world afresh.

Mystery of the Periodic Table-Benjamin D Wiker 2003-04-18 Leads the reader on a delightful and absorbing journey through the ages, on the trail of the elements of the Periodic Table as we know them today. He introduces the young reader to people like Von Helmont, Boyle, Stahl, Priestly, Cavendish, Lavoisier, and many others, all incredibly diverse in personality and approach, who have laid the groundwork for a search that is still unfolding to this day. The first part of Wiker's witty and solidly instructive presentation is most suitable to middle school age, while the later chapters are designed for ages 12-13 and up, with a final chapter somewhat more advanced. Illustrated by Jeanne Bendick and Ted Schluenderfritz.

Lift the Flap Periodic Table-Alice James 2017-07-01 An innovative approach to what can be a dry and tricky subject, this book is perfect for parents and children to share on the road to learning about the periodic table.

The Periodic Table-Adrian Dingle 2014 Designed to make learning chemistry much easier and a whole lot more fun, these elements show you the periodic table as you have never seen it before. Every element in this engaging little book is a specially created character with its own unique personality.

Usborne Book and Jigsaws: the Periodic Table-SAM. SMITH 2019-09-04 This pack contains a 300-piece jigsaw of the Periodic Table for children to assemble, while learning the positions and groupings of all 118 elements. It also includes a 16-page book explaining the Periodic Table in a fun and accessible way, and is packed full of fascinating facts about and uses of the elements that make up the world around us. Illustrations: Full colour throughout

Beryllium-Rick Adair 2007-01-15 Explores the element of Beryllium and its uses.

The Periodic Table-Eric R. Scerri 2007 Offers a comprehensive overview of the periodic table, exploring the importance of both the periodic table and the elements themselves as well as how the elements have been interpreted by chemists and philosophers throughout history.

The Periodic Table-Tom Jackson 2020-02-04 Which is the densest element? Which has the largest atoms? And why are some elements radioactive? From the little-known uses of gold in medicine to the development of the hydrogen bomb, this is a fresh new look at the Periodic Table. Combining cutting edge science with fascinating facts and stunning infographics, this book looks at the extraordinary stories of discovery, amazing properties and surprising uses of each elements, whether solid, liquid or gas - naturally occurring, synthesised or theoretical! From hydrogen to oganesson, this is a fact-filled visual guide to each element, each accompanied by technical date (category, atomic number, weight, boiling point) as well as fun facts and stories about their discovery and surprising uses.

Elements-Theodore Gray 2012-04-03 The Elements has become an international sensation, with over one million copies in-print worldwide. The highly-anticipated paperback edition of The Elements is finally available. An eye-opening, original collection of gorgeous, never-before-seen photographic representations of the 118 elements in the periodic table. The elements are what we, and everything around us, are made of. But how many elements has anyone actually seen in pure, uncombined form? The Elements provides this rare opportunity. Based on seven years of research and photography, the pictures in this book make up the most complete, and visually arresting, representation available to the naked eye of every atom in the universe. Organized in order of appearance on the periodic table, each element is represented by a spread that includes a stunning, full-page, full-color photograph that most closely represents it in its purest form. For example, at -183°C, oxygen turns from a colorless gas to a beautiful pale blue liquid. Also included are fascinating facts, figures, and stories of the elements as well as data on the properties of each, including atomic weight, density, melting and boiling point, valence, electronegativity, and the year and location in which it was discovered. Several additional photographs show each element in slightly altered forms or as used in various practical ways. The element's position on the periodic table is pinpointed on a mini rendering of the table and an illustrated scale of the element's boiling and/or melting points appears on each page along with a density scale that runs along the bottom. Packed with interesting information, this combination of solid science and stunning artistic photographs is the perfect gift book for every sentient creature in the universe. Includes a tear-out poster of Theodore Gray's iconic Photographic Periodic Table!

The Periodic Table: Nature's Building Blocks-J. Theo Kloprogge 2020-11-18 The Periodic Table: Nature's Building Blocks: An Introduction to the Naturally Occurring Elements, Their Origins and Their Uses addresses how minerals and their elements are used, where the elements come from in nature, and their applications in modern society. The book is structured in a logical way using the periodic table as its outline. It begins with an introduction of the history of the periodic table and a short introduction to mineralogy. Element sections contain their history, how they were discovered, and a description of the minerals that contain the element. Sections conclude with our current use of each element. Abundant color photos of some of the most characteristic minerals containing the element accompany the discussion. Ideal for students and researchers working in inorganic chemistry, minerology and geology, this book provides the foundational knowledge needed for successful study and work in this exciting area. Describes the link between geology, minerals and chemistry relies on elements from nature Emphasizes the connection between geology, mineralogy and daily life, showing how minerals contribute to the things we use and in our modern economy Contains abundant color photos of each mineral that bring the periodic table to life

Basher Science: The Periodic Table-Adrian Dingle 2007-06-12 Web-style "homepages" introduce to budding chemists each of the chemical elements from the periodic table, complete with witty and informative profiles written by the elements themselves. Original. 20,000 first printing.

The Periodic Table of Elements Coloring Book-Teresa Bondora 2011-11-01 A coloring book to familiarize the user with the Primary elements in the Periodic Table. The Periodic Table Coloring Book (PTCB) was received worldwide with acclaim. It is based on solid, proven concepts. By creating a foundation that is applicable to all science ("Oh yes, Hydrogen, I remember coloring it, part of water, it is also used as a fuel; I wonder how I could apply this to the vehicle engine I am studying...") and creating enjoyable memories associated with the elements science becomes accepted. These students will be interested in chemistry, engineering and other technical areas and will understand why those are important because they have colored those elements and what those elements do in a non-threatening environment earlier in life.

Exploring the Elements-Isabel Thomas 2020-11-11 Science meets design in this comprehensive introduction to the chemical elements that make up our universe This artful and accessible guide to the periodic table -- the ultimate reference tool for scientists worldwide -- names all 118 chemical elements and helps young readers understand the remarkable ways we have learned to use them. Graphically stunning layouts feature each element's letter symbol and atomic number, exploring its attributes, characteristics, uses, and interesting stories behind its discovery. Complete with a comprehensive introduction, conclusion, and glossary, this is the perfect introduction to chemistry for inquisitive minds. Ages 8-14

Getting the books the periodic table book a visual encyclopedia of the elements can be one of the options to accompany you with having new time. This is an entirely easy means to specifically get guide by on-line. This is an entirely easy means to specifically get guide by on-line.

Boron-Based Compounds-Evamarie Hey-Hawkins 2018-07-23 Noted experts review the current status of boron-containing drugs and materials for molecular medical diagnostics Boron-Based Compounds offers a summary of the present status and promotes the further development of new boron-containing drugs and advanced materials, mostly boron clusters, for molecular medical diagnostics. The knowledge accumulated during the past decades on the chemistry and biology of bioorganic and organometallic boron compounds laid the foundation for the emergence of a new area of study and application of boron compounds as lipophilic pharmacophores and modulators of biologically active molecules. This important text brings together in one comprehensive volume contributions from renowned experts in the field of medicinal chemistry of boron compounds. The authors cover a range of the most relevant topics including boron compounds as modulators of the bioactivity of biomolecules, boron clusters as pharmacophores or for drug delivery, boron compounds for boron neutron capture therapy (BNCT) and for diagnostics, as well as in silico molecular modeling of boron- and carborane-containing compounds in drug design. Authoritative and accessible, Boron-Based Compounds: Contains contributions from a panel of internationally renowned experts in the field Offers a concise summary of the current status of boron-containing drugs and materials used for molecular diagnostics Highlights the range and capacity of boron-based compounds in medical applications Includes information on boron neutron capture therapy and diagnostics Designed for academic and industrial scientists, this important resource offers the cutting-edge information needed to understand the current state of boron-containing drugs and materials for molecular medical diagnostics.

The Periodic Table of Feminism-Marisa Bate 2018-10-16 A cleverly nerdy review of feminist history told through the wide range of women who have shaped it, from Ruth Bader Ginsberg and Oprah to Beyoncé and The Spice Girls A quirky, intelligent, and stylish review of the feminist movement, told through the stories of standout figures who have shaped it, The Periodic Table of Feminism charts the impact of female leaders from Betty Friedan and Ruth Bader Ginsburg to Michelle Obama and Oprah. Using the periodic table as a categorical device, the featured women are divided into "chemical" groups to show how the women and the battles they fought speak to each other across time and geography: Precious Metals: the face of the movements, like Simone De Beauvoir and Gloria Steinem Catalysts: Pioneers and fire-starters, like Susan B. Anthony and Sheryl Sandberg Conductors: The organizers, like Sojourner Truth and Rebecca Solnit Diatomics: Women working together, like The Spice Girls and The Women's Equality Party Stabilizers: Pacifists, like Margaret Atwood, Lindy West, and Eve Ensler Explosives: Radicals, anarchists, and violent uprisers, like Adrienne Rich and Roxane Gay Rejectors: "I am not a feminist" proclaimers, like Alice Walker and Sarah Jessica Parker With clever "top 10" lists--such as Feminists in Fiction, Feminists Before Feminism, Best Women's Marches, and Male Feminists--plus 120 meme-ready illustrations and inspiring pull quotes, this essential guide to feminism offers courage and inspiration for a new generation.

All about the Periodic Table-Alice James (Editor) 2019 Explains the Periodic Table in a fun and accessible way, and is packed full of fascinating facts and uses of the elements that make up the world around us.

The Periodic Table-Eric R. Scerri 2019 The periodic table of elements, first encountered by many of us at school, provides an arrangement of the chemical elements, ordered by their atomic number, electron configuration, and recurring chemical properties, and divided into periodic trends. In this Very Short Introduction Eric R. Scerri looks at the trends in properties of elements that led to the construction of the table, and shows how the deeper meaning of the table's structure gradually became apparent with the development of atomic theory and, in particular, guantum mechanics, which underlies the behaviour of all of the elements and their compounds. This new edition, publishing in the International Year of the Periodic Table, celebrates the completion of the seventh period of the table, with the ratification and naming of elements 113, 115, 117, and 118 as nihonium, moscovium, tennessine, and oganesson. Eric R. Scerri also incorporates new material on recent advances in our understanding of the origin of the elements, as well as developments concerning group three of the periodic table. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject quickly. Our expert authors combine facts, analysis, perspective, new ideas, and enthusiasm to make interesting and challenging topics highly readable.

The Periodic Table-Eric R. Scerri 2019 The periodic table of elements is among the most recognizable image in science. It lies at the core of chemistry and embodies the most fundamental principles of science. In this new edition, Eric Scerri offers readers a complete and updated history and philosophy of the periodic table. Written in a lively style to appeal to experts and interested lay-persons alike, The Periodic Table: Its Story and Its Significance begins with an overview of the importance of the periodic table and the manner in which the term "element" has been interpreted by chemists and philosophers across time. The book traces the evolution and development of the periodic table from its early beginnings with the work of the precursors like De Chancourtois, Newlands and Meyer to Mendeleev's 1869 first published table and beyond. Several chapters are devoted to developments in 20th century physics, especially quantum mechanics and and the extent to which they explain the periodic table in a more fundamental way. Other chapters examine the formation of the elements, nuclear structure, the discovery of the last seven infra-uranium elements, and the synthesis of trans-uranium elements. Finally, the book considers the many different ways of representing the periodic system and the quest for an optimal arrangement.

An Introduction to the Periodic Table of Elements : Chemistry Textbook Grade 8 | Children's Chemistry Books-Baby Professor 2017-02-15 Do you know what the Periodic Table of Elements is? If you don't, then you're in luck because we will give you a quick but very critical overview! This educational reference will make a great addition to your child's study collection. It can also be used as reviewer, depending on what your child needs. Go ahead and grab a copy today!

Reactions-Theodore Gray 2020-10-27 The third book in Theodore Gray's bestselling Elements Trilogy, Reactions continues the journey through the world of chemistry that began with his two previous bestselling books The Elements and Molecules. With The Elements, Gray gave us a never-before-seen, mesmerizing photographic view of the 118 elements in the periodic table. In Molecules, he showed us how the elements combine to form the content that makes up our universe. With Reactions, Gray once again puts his one-of-a-kind photography and storytelling ability to work demonstrating how molecules interact in ways that are essential to our very existence. The book begins with a brief recap of elements and molecules and then goes on to explain important concepts that characterize a chemical reaction, including Energy, Entropy, and Time. It is then organized by type of reaction including chapters such as "Fantastic Reactions and Where to Find Them," "On the Origin of Light and Color," "The Boring Chapter," in which we learn about reactions such as paint drying, grass growing, and water boiling, and "The Need for Speed," including topics such as weather, ignition, and fire.

Visual Learning: Biology-Helen Pilcher 2020-12-01 Barron's new Visual Learning series breaks down complex science concepts into clear, captivating illustrations for the visual learner! With large, colorful graphics, including maps, diagrams, and labeled illustrations and clear supporting text, Visual Learning: Biology is an invaluable resource for readers of all ages who want to learn science in an easy and engaging way. Learn key biology topics including: Cells Genetics Metabolism Plant and animal structure and function Human health and disease Ecology Biology in the 21st century, and much more.

Periodic Table, The: Past, Present, And Future-Geoffrey Rayner-canham 2020-08-04 That fossilized chart on every classroom wall — isn't that The Periodic Table? Isn't that what Mendeléev devised about a century ago? No and No. There are many ways of organizing the chemical elements, some of which are thought-provoking, and which reveal philosophical challenges. Where does hydrogen 'belong'? Can an element occupy more than one location on the chart? Which are the Group 3 elements? Is aluminum in the wrong place? Why is silver(I) like thallium(I)? Why is vanadium like molybdenum? Why does gold form an auride ion like a halide ion? Does an atom 'know' if it is a non-metal or metal? Which elements are the 'metalloids'? Which are the triels? So many questions! In this stimulating and innovative book, the Reader will be taken on a voyage from the past to the present to the future of the Periodic Table. This book is unique. This book is thought-provoking. It is a multi-dimensional examination of patterns and trends among the chemical elements. Every reader will discover something about the chemical elements which will provoke thought and a new appreciation as to how the elements relate together.

Facilitating Conceptual Change in Students' Understanding of the Periodic Table-Mansoor Niaz 2013-07-16 This book is about how students are taught the periodic table. It reviews aspects of the periodic table's development, using the history and philosophy of science. The teaching method presented in this book is ideal for teaching the subject in high school and at introductory university level. Chemistry students taught in this new, experimental way are compared with those taught in the traditional way and the author describes how tests found more conceptual responses from the experimental group than the control group. The historical aspects of importance to this teaching method are: the role of the Karlsruhe Congress of 1860; the accommodation of the chemical elements in the periodic table; prediction of elements that were discovered later; corrections of atomic weights; periodicity in the periodic table as a function of the atomic theory; and the accommodation of argon. The experimental group of students participated in various activities, including: discussion of various aspects related to the history and philosophy of science; construction of concept maps and their evaluation by the students; PowerPoint presentations; and interviews with volunteer students.

Elemental-Tim James 2019-03-26 If you want to understand how our world works, the periodic table holds the answers. When the seventh row of the periodic table of elements was completed in June 2016 with the addition of four final elements—nihonium, moscovium, tennessine, and oganesson—we at last could identify all the ingredients necessary to construct our world. In Elemental, chemist and science educator Tim James provides an informative, entertaining, and quirkily illustrated guide to the table that shows clearly how this abstract and seemingly jumbled graphic is relevant to our day-to-day lives. James tells the story of the periodic table from its ancient Greek roots, when you could count the number of elements humans were aware of on one hand, to the modern alchemists of the twentieth and twenty-first centuries who have used nuclear chemistry and physics to generate new elements and complete the periodic table. In addition to this, he answers questions such as: What is the chemical symbol for a human? What would happen if all of the elements were mixed together? Which liquid can teleport through walls? Why is the medieval dream of transmuting lead into gold now a reality?Whether you're studying the periodic table for the first time or are simply interested in the fundamental building blocks of the universe—from the core of the sun to the networks in your brain—Elemental is the perfect guide.

Introducing the Periodic Table-Tom Jackson 2012-10-30 Explains the periodic table, how it was devised, how it is used, and the creation of new elements.

Periodic Table with Nuclides and Reference Data-K. Yoshihara 2012-05-19 There are many kinds of nuclear data books; however some are too much specialized, while others have an arrangement of information which is inconvenient for students to use. With this book, we want to amend these situations. Handbooks of natural sciences must be exact and fair in their presentation of materials and they must be logical and convenient to use. If the users can develop new ideas or gain new insights from the books, they can be judged as valuable. The role of handbooks is not only to give a systematic representation of past knowledge, but also to serve as a basis for intellectual activity leading to future development. The purpose of this data book arises from the points described above. The chart of the nuclides which is frequently consulted by radioisotope users is not always convenient. By comparison, our Periodic Table with Nuclides has been devised with this in mind. It has been our experience that properties of a desired nuclide could be found in a much shorter time in the Periodic Table with Nuclides than in other nuclide charts. Additionally, by placing the ~-stability line within the nuclides in the table, the users may derive unam biguous ideas on the stability of the nuclides and the paths related to the creation of stable elements in the universe.

Eyewitness Periodic Table-Adrian Dingle 2018-05-28 This fact-filled book is the perfect quide to all 118 elements in the periodic table, the ingredients that make up our world. Packed with stunning new photography, Eyewitness Periodic Tablebegins with a concise history of chemistry, scientific pioneers, and the creation of the first periodic table, then launches into a visual tour of each individual element. Along the way, you'll find out where each element comes from and what it is used for, explained clearly and simply for young readers. Explore elements such as carbon and oxygen and learn why they are essential to our survival. See how precious gold protects astronauts in space, and why the metal mercury can be both a solid and a liquid. Find out about man-made elements, which the smartest chemists are still busy figuring out how to use. Eyewitness Period Table also includes a pull-out poster to hang on your wall. This detailed, accessible book will inspire young, inquisitive minds - the scientists of tomorrow who will shape our future.

The Secret Life of the Periodic Table-Ben Still 2016-10-01 The Secret Life of the Periodic Table uncovers the fascinating stories behind the formulation of the table. It describes how and who discovered the 118 elements, and the competition and cooperation behind scientific advances. The character of the elements is brought to life in a bright and engaging way, making The Secret Life of the Periodic Table ideal for students and general readers. Spared the monotony of a school text, they can gain a basic understanding of the fundamentals of atomic science. The book covers all 118 elements in 14 chapters. They are: A brief guide to atomic physics Igor Mendeleev, arguably the most important formulator of the table, and significant others Hydrogen Alkali metals Alkaline Earth metal Transition metals Post-transition metals Metalloids Other non-metals Halogens Noble gases Lanthanoids Actinoids Transuranium elements. Each element description includes a fact box showing atomic number, atomic weight, radius, melting point, boiling point, density, and the year of its discovery and by whom. There are many sidebars, boxes and extended captions covering topics of interest, like Ernest Lawrence's 1931 cyclotron, early precursor to the 10-km radius Large Hydron Collider that he could not possibly have imagined. There is also fascinating trivia about the elements. For example, phosphorus was first isolated by an alchemist's search for gold in urine and in the 1920s, there was a fad for lethal radium cocktails. The Secret Life of the Periodic Table is accurate and entertaining, making it a helpful adjunct to student studies. General readers will find it an enjoyable trip into the world of chemistry and atomic science. It is an ideal purchase for science, middle school and general collections.

The Heart of the Artichoke-Elena Poniatowska 2012-01 In this collection of stories, Poniatowska weaves together the disparate lives that make up Mexico's rich cultural tapestry. These are stories about servants and matriarchs, street

sweepers and sorceresses, shop keepers, nannies, mothers, travelers, prostitutes, and drug addicts. They are stories of broken lives and broken hearts, of betrayal and rebirth. The language is melodic, sensual, plain, coarse, aristocratic. It reflects the varied idioms of Mexico's diverse social classes. Poniatowska constructs characters of immense complexity, then slowly peels away the emotional and psychological layers to expose their greatest vulnerability. Nowhere is this more visible than in the title story The Heart of the Artichoke.

Molecules-Theodore Gray 2018-03-13 In this paperback edition of the beloved second book in Theodore Gray's bestselling (1.5 million copies) Elements trilogy, Gray demonstrates how the elements of the periodic table combine into the molecules that form the things that make up our world. Molecules is the second book in the million-copy bestselling Elements trilogy. In Molecules, Theodore Gray takes the next step in the story that began with the periodic table in his bestselling book, The Elements: A Visual Exploration of Every Known Atom in the Universe (2015) and culminated with the publication of Reactions: An Illustrated Exploration of Elements, Molecules, and Change in the Universe (2017). Here, he explores through fascinating stories and trademark stunning photography the most interesting, essential, useful, and beautiful of the millions of chemical structures that make up every material in the world. Gray begins with an explanation of how atoms bond to form molecules and compounds, as well as the difference between organic and inorganic chemistry. He then goes on to explore the vast array of materials molecules can create, including: soaps and solvents; goops and oils; rocks and ores; ropes and fibers; painkillers and dangerous drugs; sweeteners; perfumes and stink bombs; colors and pigments; and controversial compounds including asbestos, CFCs, and thimerosal. Big, gorgeous photographs, as well as diagrams of the compounds and their chemical bonds, rendered with never before seen beauty, fill the pages and capture molecules in their various states. It's the perfect book for his loyal fans who've been eager for more and for anyone fascinated with the mysteries of the material world.

The Periodic Table-Primo Levi 1996 One of Italy's leading men of letters, a chemist by profession, writes about incidents in his life in which one or another of the elements figured in such a way as to become a personal preoccupation

The Most Fragile Objects-Alberto Chimal 2020-01-08 The Most Fragile Objects, Chimal's first novel published in translation, tells three stories (maybe two, or just one) of people living secret lives in early 21st-century Mexico. They seem to indulge in wanton sex and power fantasies. But is everything what it appears to be? With a style that never resorts to titillation and a plot structure in which the factual and the dubious chase each other, The Most Fragile Objects, is an unusual, dark take on the themes of power, love, imagination, and freedom. Alberto Chimal (Toluca, 1970) is one of Mexico's most prolific authors. His work encompasses a variety of genres and forms, including the novel, short story, essay, experimental fiction, and children's literature. He is also a sought-after clinician, lecturer, and teacher of creative writing. The recipient of numerous awards, his second novel, La torre y el jardín, was shortlisted in 2013 for the Rómulo Gallegos prize, one of the most prestigious in the Spanish language. His work has been translated into numerous languages" One of the most versatile and unpredictable storytellers in Latin American literature today. "Marco Kunz, Quimera" His stories are very corporal, even voluptuous: pure flesh."Jorge Carrión, Otra Parte"Had Alberto Chimal written the History of the human race, this world would be a much more interesting place."Eme Equis magazine