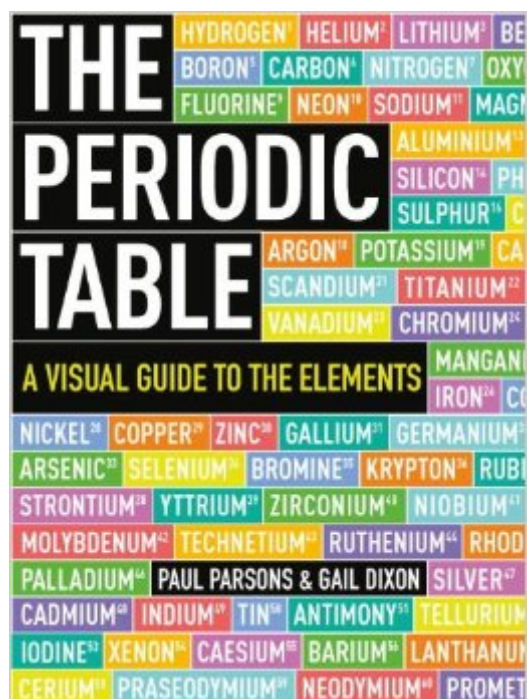# The Periodic Table: A Visual Guide To The Elements

Synopsis

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.

Book Information

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Customer Reviews

Review of The periodic table: A visual guide to the elements by Paul Parsons and Gail DixonCITATION: Parsons, P., & Dixon, G. (2014). The periodic table: A visual guide to the elements. New York: Quercus.Reviewer: Dr W. P. PalmerI found The periodic table: A visual guide to the elements a very well-produced and interesting book that could be recommended for any secondary school library. It is also of value to teachers who want to update their knowledge on the properties and uses for some of the more unusual elements.At US$14.95 (cheaper via some online sources), many teachers may consider purchasing a personal copy. The authors are Dr Paul Parsons and Gail Dixon, both of whom are experienced journalists with the British science and technology journal, 'Focus'. The periodic table: A visual guide to the elements is a paperback book

of 240 pages. The general pattern of the book is a one page description of each element in the periodic table, including the history of the discovery of the element, some story about the element or the person who discovered it, its current uses and any biological significance, such as the poisonous or life-saving nature of it or its compounds. The page opposite contains a full page colour photograph of the element. Ten elements have four pages, rather than two, that relate to them. These elements are hydrogen, oxygen, silicon, iron, krypton, silver, lanthanum, tungsten, gold and uranium. At the start of the book, there is a contents page, a clearly produced periodic table and an introduction. Elements with atomic numbers 101 to 118, the trans-fermium elements, are dealt with together in a final two pages of text followed by a glossary and index.

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