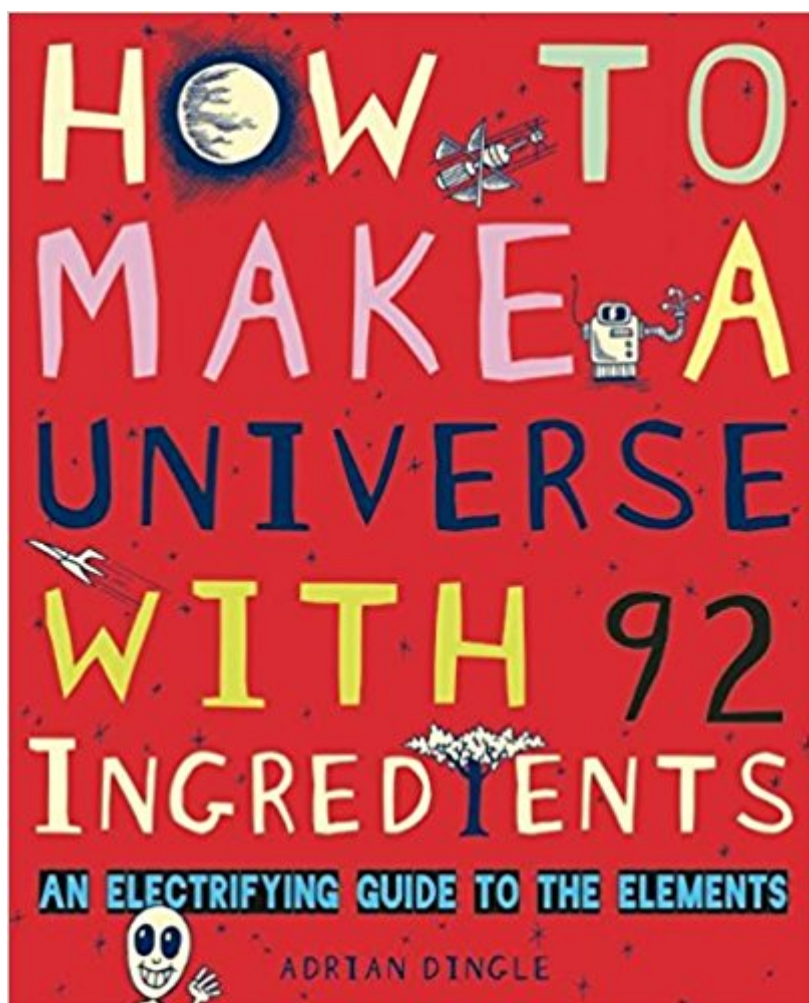


The book was found

# How To Make A Universe With 92 Ingredients: An Electrifying Guide To The Elements



## Synopsis

What do cars, stars, skyscrapers, and ice cream all have in common? They're all made from the same 92 ingredients...and so are we. And so is everything in the entire universe! How to Make a Universe with 92 Ingredients presents a unique and imaginative way for young readers to connect chemistry and science with their daily lives. By using dozens of familiar objects (trees, cell phones, the Sun), author Adrian Dingle has built a platform from which to teach kids the unfamiliar — that trees, cell phones, and the Sun are all made of a handful of chemical elements found on the periodic table. Full of easy experiments and "Did You Know?" information that's perfect for sharing with friends, How to Make a Universe with 92 Ingredients takes on the impossible and triumphs — it makes chemistry FUN!

## Book Information

Lexile Measure: 1010L (What's this?)

Hardcover: 96 pages

Publisher: Owlkids (October 15, 2013)

Language: English

ISBN-10: 1771470089

ISBN-13: 978-1771470087

Product Dimensions: 0.8 x 10 x 11.8 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #366,706 in Books (See Top 100 in Books) #69 in Books > Children's Books > Education & Reference > Science Studies > Chemistry #5115 in Books > Children's Books > Science, Nature & How It Works

Age Range: 10 - 14 years

Grade Level: 4 - 9

## Customer Reviews

Gr 5-8 — In the text's opening chapters, readers will gain the background needed to understand the building blocks of the universe: atoms, subatomic particles, elements, and compounds. On welcoming, browsable pages, the book bounces from topics as far ranging as stars to soap. Kids can read the whole book, or a few pages at a time, and be plenty amazed. The boisterous illustrations are informative and have a playful and functional layout. Facts are sometimes broken into boxes such as "Really Cool Science Bit" and "Brain

Box. A few science projects (some serious and others not so) and some jokey warnings, are included. Overall, this is a title sure to find an audience, one that will gain a newfound respect for the elements. Heather Acerro, Rochester Public Library, MN (c) Copyright 2013. Library Journals LLC, a wholly owned subsidiary of Media Source, Inc. No redistribution permitted.

"This book is about elements. There aren't many of them, but they make up everything you see. They make up the world. In fact, they make up the whole universe. Oh . . . and they make up YOU, too!"

Winner, American Institute of Physics Science Communication Award, Writing for Children category (2014)

"The author's evident enthusiasm provides plenty of revs..." Kirkus, July 17, 2013 "...this is a title sure to find an audience, one that will gain a newfound respect for the elements."

School Library Journal, September 1, 2013 "An entertaining look at the chemical composition and properties of such items as coins, fireworks, skyscrapers, airplanes, comets, and poison."

School Library Journal

What a great way to teach kids (and adults) about chemistry! This book includes narrative, lots of vivid illustrations, and experiments to demonstrate how all things are made from just 92 chemical elements. Each two-page spread has a clever title, like "I'm Gonna Make You A Star" and "Dish the Dirt on Soap." On the latter page, you learn what soap is made of, what scum means (a way to talk about hard water), and how to make elephant toothpaste! You'll also find out about why the fizz in soda is worse for your teeth than sugar, how fireworks are made in different colors, how tall buildings stand up, and why salt helps make ice cream. (And yes, one of the learning experiments is a recipe for ice cream!) At the end of the book, there is a glossary ("Cool Words") and a list of resources, including websites, for further study. It also includes an awesome periodic table poster on the inside of the book jacket.

Evaluation: I can recommend this one highly enough. It's guaranteed to keep children entertained and fascinated.

Good

grandson loves it

This book is intended for kids aged 10-12 or so, and need not be read in order. We get a two page spread on the periodic table, a spread on rocks, others on batteries, atomic bombs, magnets, and many other topics. Some include simple experiments (how to make an electromagnet, how to make a rubber-band racer, et al). No math or formulae except for converting Celsius to Fahrenheit. This book is about concepts and fun trivia. The pages are cluttered with callouts and graphics. This book comes out of the UK, I believe, though the North American edition has been pretty well regionalized.

[Download to continue reading...](#)

How to Make a Universe with 92 Ingredients: An Electrifying Guide to the Elements DARK ENERGY: The Biggest Mystery In The Universe (dark matter, how the universe works, holographic universe, quantum physics) (black holes, parallel universe, the string theory) Hair Care Product and Ingredients Dictionary (Milady's Hair Care Product Ingredients Dictionary) The Electrifying Story Of Multiple Sclerosis Hellhound on His Trail: The Electrifying Account of the Largest Manhunt in American History The Electrifying Nervous System (God's Wondrous Machine) Simply Electrifying: The Technology That Transformed the World, from Benjamin Franklin to Elon Musk Electrifying America: Social Meanings of a New Technology, 1880-1940 The Ingredients: A Guided Tour of the Elements Make Your Own Cosmetics: Recipes, Skin Care, Body Care, Hair Care, Perfumes, and Fragrancing, Herbs, Essential Oils, Cosmetic Ingredients... (Neal's Yard Remedies) The Best Homemade Kids' Lunches on the Planet: Make Lunches Your Kids Will Love with Over 200 Deliciously Nutritious Lunchbox Ideas - Real Simple, Real Ingredients, Real Quick! 10 DIY Easy Glycerin Soap Recipes: Make Your Own Homemade Melt and Pour Basic Glycerin Soaps From Natural Ingredients With Very Easy Simple Steps My Pantry: Homemade Ingredients That Make Simple Meals Your Own The Art of Natural Cheesemaking: Using Traditional, Non-Industrial Methods and Raw Ingredients to Make the World's Best Cheeses First Meetings: In Ender's Universe (Other Tales from the Ender Universe) Mammals Who Morph: The Universe Tells Our Evolution Story: Book 3 (The Universe Series) From Lava to Life: The Universe Tells Our Earth Story: Book 2 (The Universe Series) DC Universe: Rebirth Deluxe Edition (DC Universe Event) Official Handbook of the Marvel Universe A to Z Volume 2 (Official Handbook to the Marvel Universe a to Z) Elementary Particles : The Building Blocks of the Universe - Physics and the Universe | Children's Physics Books

Contact Us

DMCA

Privacy

FAQ & Help