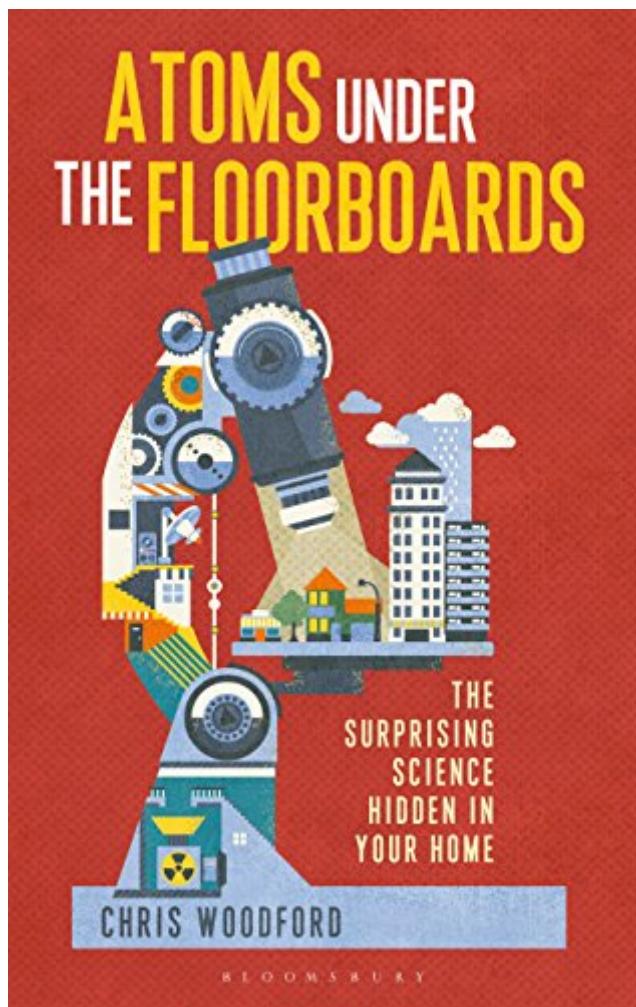


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# Atoms Under The Floorboards: The Surprising Science Hidden In Your Home (Bloomsbury Sigma)



## **Synopsis**

Using the modern home as a springboard, Atoms under the Floorboards introduces the reader to the fascinating and surprising scientific explanations behind a variety of common (and often entertainingly mundane) household phenomena, from gurgling drains and squeaky floorboards to rubbery custard and shiny shoes. Packed with facts and fun, each chapter focuses on a feature in each of the areas and slowly unpicks the science behind it.\* Is it better to build skyscrapers like wobbly jellies or stacks of biscuits? \*Can you burn your house down with an electric drill? \*How many atoms would you have to split to power a lightbulb? \*How can a raincoat be waterproof and breathable at the same time? Atoms under the Floorboards answers all these questions, and hundreds more. You'll never look at your home the same way again ...

## **Book Information**

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## **Customer Reviews**

Atoms Under the Floorboards: The Surprising Science Hidden in Your Home by Chris Woodford  
"Atoms Under the Floorboards" is a fun and engaging book that explores the science of everyday life. Popular science writer Chris Woodward takes the general public on a journey of the hidden science in one's home. This entertaining 336-page book includes the following eighteen

chapters: 1. Firm Foundations, 2. Upstairs, Downstairs, 3. Superheroics, 4. The Beauty of Bikes, 5. Car Crazy, 6. Sticky Stuff, 7. The Inside Story, 8. Amazing Glazing, 9. Saggy Sofas, Squeaky Floors, 10. Light Delights, 11. Radio Gaga, 12. Living by Numbers. 13. Blowing Hot and Cold, 14. Food Miles, 15. Stirring Stuff, 16. Water, Water, 17. Stain Games, and 18. Dressing to Impress. **Positives:** 1. An entertaining and accessible book. Woodford keeps the science to a basic level. 2. A fun and fascinating topic, the science hidden in your home. 3. Woodford has a great command of the topic and he understands the targeted audience. His engaging style and the ability to convey complex topics in an accessible manner hits the mark. 4. Solid format. Eighteen chapters that cover a wide range of popular science topics hidden in your home. Each chapter begins with a series of questions that will be answered. The author also bold faces topics of interest and showcases subtopics in gray text boxes. 5. Effective use of diagrams to complement the narrative. 6. The book is full of interesting facts some that even debunk commonly held beliefs. *âœIn fact, engineers have found that opening windows allows high-pressure, turbulent air to blast inside and increases the risk of the roof blowing off, making it more likely that the walls will collapse as well.* 7. A very good accessible chapter on energy.

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