

Janice VanCleave's 201 Awesome Magical Bizarre Incredible Experiments

Janice VanCleave is an American science writer who has written over 50 books on science experiments for children. Her books have been translated into over 20 languages and have sold over 10 million copies worldwide. VanCleave's experiments are designed to be fun and educational, and they often involve simple materials that can be found around the house.

In her book 201 Awesome Magical Bizarre Incredible Experiments, VanCleave provides instructions for conducting a wide variety of science experiments, from simple demonstrations to more complex projects. The experiments are organized into six chapters, each of which covers a different area of science:



Janice VanCleave's 201 Awesome, Magical, Bizarre, & Incredible Experiments by Rey Carr

★★★★☆ 4.7 out of 5

Language : English

File size : 6028 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Word Wise : Enabled

Print length : 128 pages

Lending : Enabled

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Each experiment is accompanied by a clear and concise explanation of the scientific principles behind it. VanCleave also includes safety tips and troubleshooting advice to help ensure that the experiments are conducted safely and successfully.

201 Awesome Magical Bizarre Incredible Experiments is a great resource for parents, teachers, and homeschoolers who are looking for fun and educational science activities for children. The experiments are easy to follow and require only simple materials, making them ideal for use in the classroom or at home.

Some of the most popular experiments in the book include:

- **The Dancing Raisins:** This experiment demonstrates the principle of buoyancy. When raisins are placed in a glass of carbonated water, they will rise to the surface and then sink to the bottom, repeating the process over and over again.
- **The Magic Floating Ball:** This experiment demonstrates the principle of air pressure. When a ball is placed in a stream of air from a hair dryer, it will float in the air. This is because the air pressure around the ball is lower than the air pressure inside the ball, which pushes the ball up.

- **The Invisible Ink:** This experiment demonstrates the principle of chemical reactions. When lemon juice is written on paper, it is invisible. However, when the paper is heated, the lemon juice will turn brown, revealing the message.
- **The Crystal Garden:** This experiment demonstrates the principle of crystallization. When a supersaturated solution of sugar is allowed to evaporate, sugar crystals will form on a string or pipe cleaner that is suspended in the solution.
- **The Green Slime:** This experiment demonstrates the principle of polymers. When borax is added to a solution of polyvinyl alcohol, the solution will turn into a thick, green slime.

These are just a few of the many fun and educational experiments that are included in *201 Awesome Magical Bizarre Incredible Experiments*. With its clear instructions, safety tips, and troubleshooting advice, this book is a great resource for anyone who wants to learn more about science in a fun and engaging way.

Here are some additional details about the book:

- **Title:** 201 Awesome Magical Bizarre Incredible Experiments
- **Author:** Janice VanCleave
- **Publisher:** John Wiley & Sons
- **Publication Date:** September 1, 1995
- **ISBN:** 978-0471139893
- **Page Count:** 224

- **Age Range:** 8-12 years old

Other books by Janice VanCleave:

- Janice VanCleave's Science Projects for Every Kid: 101 Easy Science Experiments That Kids Can Do
- Janice VanCleave's Science Projects for Parents: Easy and Fun Science Experiments to Do with Your Kids
- Janice VanCleave's Science Projects for Teachers: Grades K-6
- Janice VanCleave's Science Projects for Elementary School: 101 Easy Experiments That Kids Can Do
- Janice VanCleave's Science Projects for Middle School: 101 Easy Experiments That Kids Can Do



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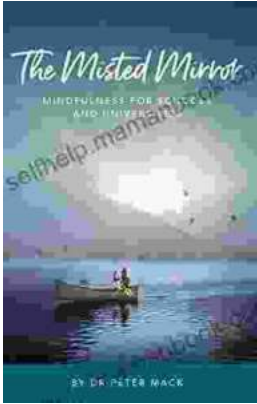
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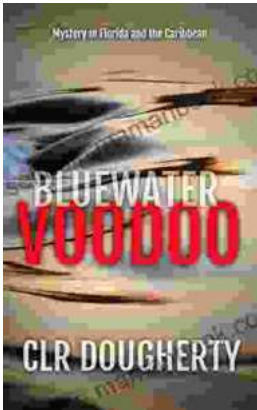
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