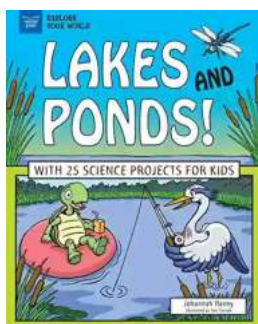


With 25 Science Projects For Kids: Explore Your World

As children grow, they develop a natural curiosity about the world around them. They ask countless questions and have an innate desire to understand how things work. Encouraging this curiosity through educational activities can not only spark their interest in science but also contribute to their overall cognitive development.

Science projects designed for kids not only make learning fun but also provide hands-on experiences that aid in the understanding of scientific concepts. These projects help children develop critical thinking skills, improve their problem-solving abilities, and enhance their creativity.

In this article, we will showcase 25 science projects that are perfect for kids. Each project is engaging, educational, and easy to execute with basic household items. Let's dive right in and explore the world of science together!



Lakes and Ponds!: With 25 Science Projects for Kids (Explore Your World)

by Johannah Haney (Kindle Edition)

★★★★☆ 4.7 out of 5

| | |
|----------------------|-------------|
| Language | : English |
| File size | : 13589 KB |
| Text-to-Speech | : Enabled |
| Enhanced typesetting | : Enabled |
| Word Wise | : Enabled |
| Print length | : 160 pages |
| Lending | : Enabled |
| Screen Reader | : Supported |

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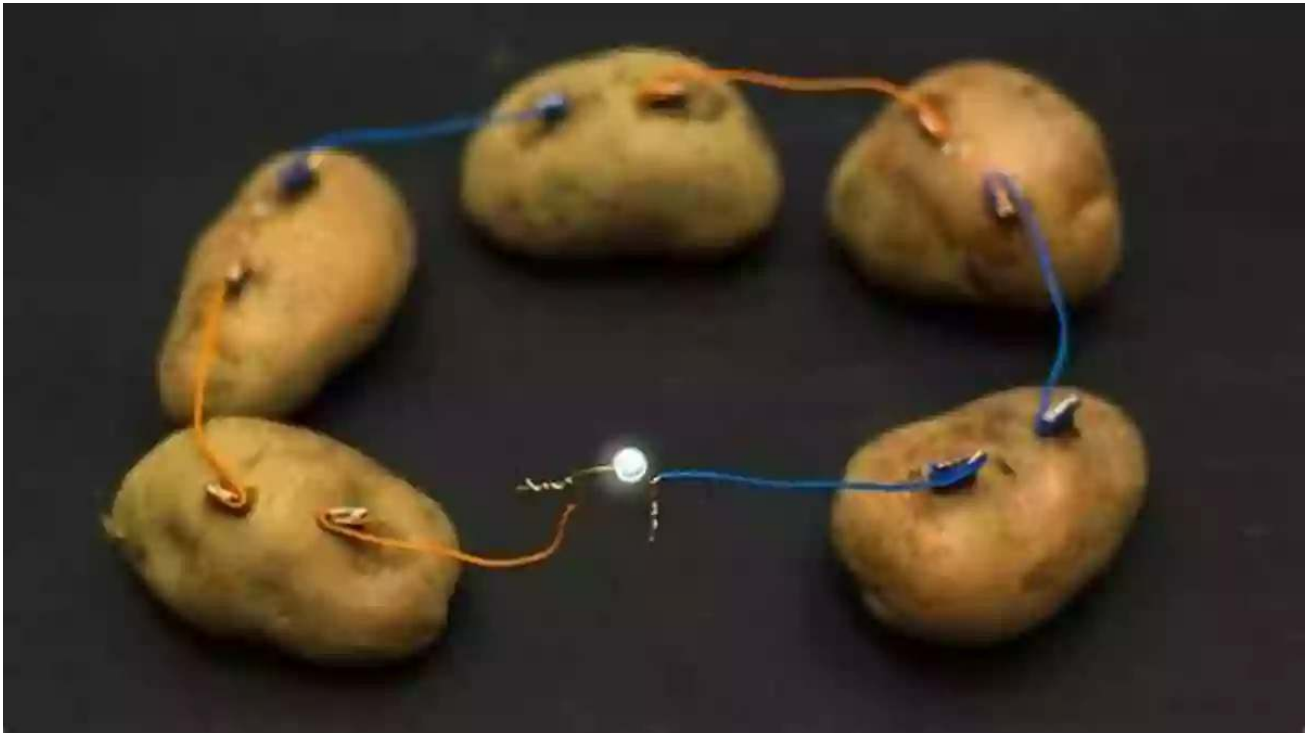
1. Water Candle Experiment

This project demonstrates the concept of density and how it affects the behaviour of different liquids. Kids will create their own unique water candle using simple materials such as oil, water, and a few wax crayons for added decoration.



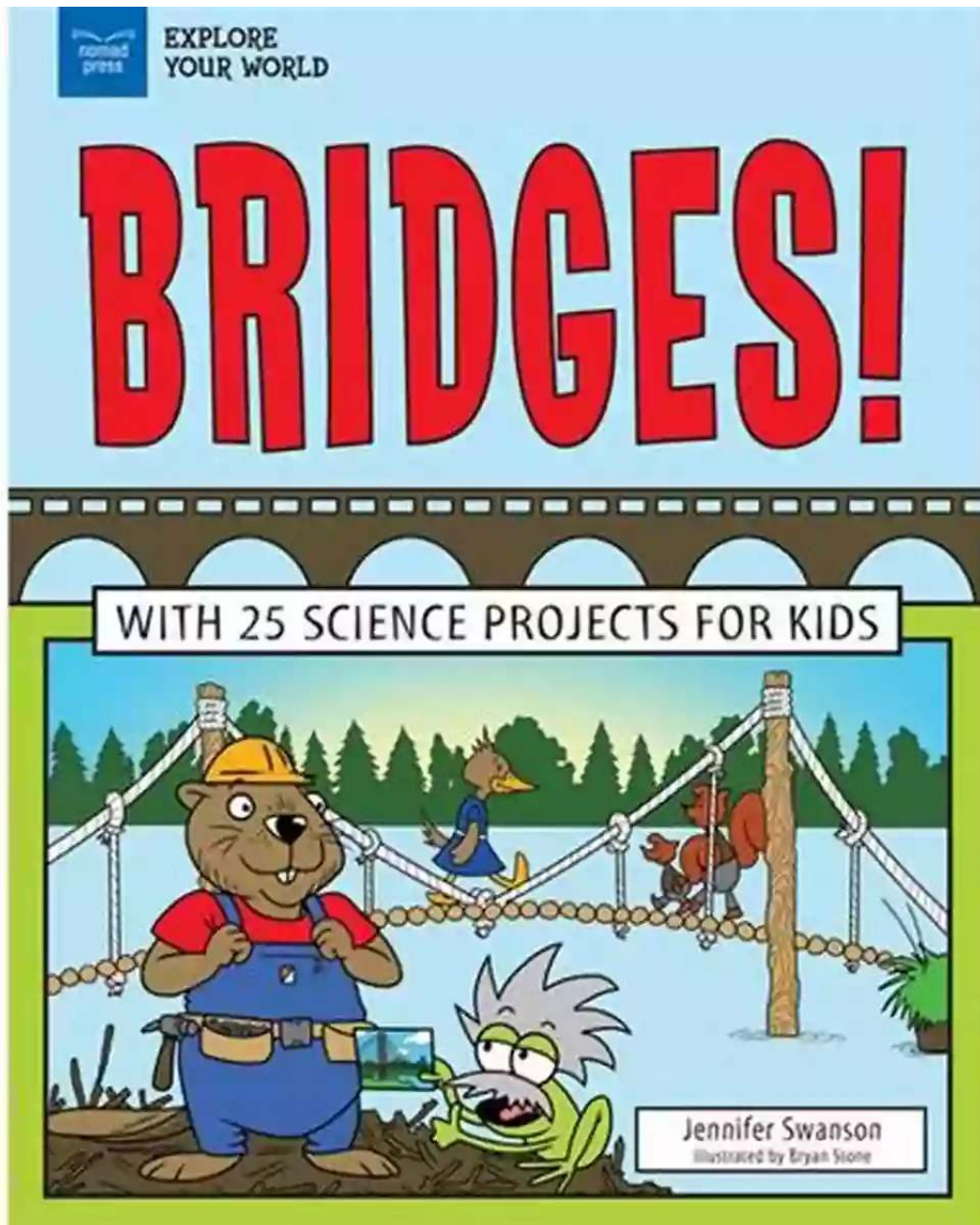
2. Potato Battery

Discover the power of chemi-electrical reactions by creating a potato battery. This project demonstrates how chemical energy can be converted into electrical energy by using potatoes and a few common household items.



3. Rainbow Flowers

Show children the wonders of capillary action by creating beautiful rainbow flowers. By utilizing food coloring, water, and white flowers, you can demonstrate how plants absorb water through their stems.



4. DIY Volcano

Teach kids about the fascinating world of geology and chemical reactions by creating their own volcanoes. This project involves building a volcano structure and simulating an eruption using common kitchen items.



5. Homemade Slime

Engage kids in a fun and gooey experiment that involves making their own slime. This project explores the science of polymers and chemical reactions by combining glue, borax, and water.



EXPLORE
YOUR WORLD

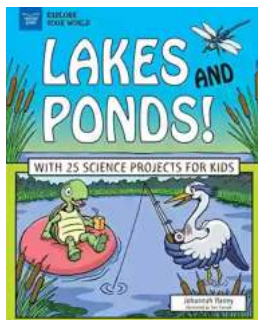
BRIDGES!

WITH 25 SCIENCE PROJECTS FOR KIDS



These are just a few examples of the exciting science projects you can do with your kids. By incorporating hands-on activities, you can ignite their passion for learning and inspire them to explore the world of science further. Engage their minds, stimulate their curiosity, and watch them develop a lifelong love for all things scientific!

Remember to always supervise children during these experiments, ensuring their safety and providing guidance throughout the process. Enjoy the journey of discovery alongside your little scientists!



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What kind of life can you find in lakes and ponds?

Imagine the smooth, glasslike surface of a pond, the water mirroring a bright moon or a crystal blue sky. The water appears perfectly calm and still. What's going on underneath the surface?

Lakes and Ponds! With 25 Science Projects for Kids invites kids ages 7 through 10 to investigate the bodies of water that might look calm from the shore but which are teeming with life and activity! Through fun facts and engaging content, readers explore the plants and animals living in lakes and ponds, from fish darting about to dragonfly nymphs gestating in the shallows to algae and aquatic plants converting sunlight into energy through photosynthesis. Discover fun facts about

the duckweed, water lilies, and cattails growing in and around the waters of lakes and ponds. It's a busy place!

In *Lakes and Ponds!*, readers dive in to discover how lakes and ponds are formed, how they are different, and what kinds of animals and plants live there. Through investigative STEAM activities for elementary school ages, such as building a model of a floating city similar to Tonlé Sap, kids explore how humans have interacted with lakes and ponds throughout history and how we use this natural resource today. Discover how climate change and pollution affect the ecology of lakes and ponds and learn what you can do to help keep these biodiverse environments clean and healthy!

From the Great Lakes, the Great Salt Lake, Walden Pond, Loch Ness, and the pond down the street from school, readers discover the life teeming in and around lakes and ponds. And did you know that large bodies of water have their own life cycles? Sometimes these can last for days, sometimes for thousands of years!

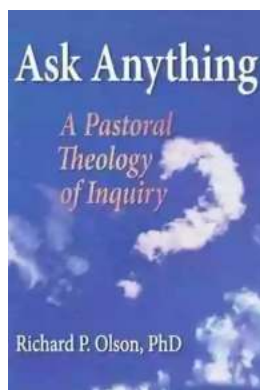
STEAM projects for kids that promote the use of the scientific method, including using ice and dirt to understand how glaciation gave shape to lake and pond basins and using moss found near lakes and ponds to make unique art projects, offer a unique, interactive learning experience, while links to online primary sources offer ample opportunity for further, student-led exploration. Fun facts, engaging illustrations, timeline, glossary, and resources keep kids wanting to learn more about these bodies of water.

Explore Lakes and Ponds! is part of a set of four *Explore Waterways* books from Nomad Press. In the *Explore Waterways* set, readers ages 7 to 10 learn about the waterways of our world, including the what, where, how, and who about the origination, content, and aquatic life that water contains. Through science-minded

STEAM projects and experiments that encourage readers to think of waterways as part of a larger ecosystem, kids develop critical and creative thinking skills about the role waterways play in our world.

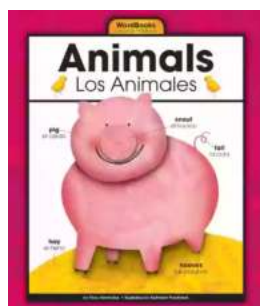
Titles in the Explore Waterways set include Marshes and Swamps! With 25 Science Projects for Kids; Lakes and Ponds! With 25 Science Projects for Kids; Oceans and Seas! With 25 Science Projects for Kids; and Rivers and Streams! With 25 Science Projects for Kids.

Nomad Press books in the Explore Your World series for children ages 7–10 integrate content with participation. Common Core State Standards, the Next Generation Science Standards, and STEM Education all place project-based learning as key building blocks in education. Combining content with inquiry-based projects stimulates learning and makes it active and alive. Nomad’s unique approach simultaneously grounds kids in factual knowledge while allowing them the space to be curious, creative, and critical thinkers.



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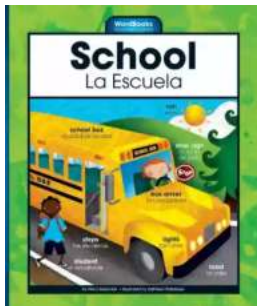
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