

The book was found

The Kids' Book Of Simple Machines: Cool Projects & Activities That Make Science Fun!



Synopsis

Wheel and axle, wedge, and screw. Lever and pulley and inclined plane, too! Learning about the six simple machines has never been more fun! Through exciting science projects and activities kids can easily do at home or school, tomorrow's scientists and engineers will have a blast learning about simple machines and how they make daily life easier. This book is the perfect STEM companion for curious minds at home or in the classroom. Book includes: biographical spotlights on famous scientists and inventors; introduction to each simple machine, including real-world examples & history; materials & tools list; infographics; step-by-step instructions and photos; safety information; timeline; glossary; and index

Book Information

Lexile Measure: 640 (What's this?)

Paperback: 144 pages

Publisher: Mighty Media Kids (August 25, 2015)

Language: English

ISBN-10: 1938063597

ISBN-13: 978-1938063596

Product Dimensions: 8.3 x 0.5 x 8.4 inches

Shipping Weight: 15 ounces

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (10 customer reviews)

Best Sellers Rank: #142,316 in Books (See Top 100 in Books) #78 in [Books > Children's Books > Education & Reference > Science Studies > Physics](#) #92 in [Books > Children's Books > Science, Nature & How It Works > Experiments & Projects](#) #2392 in [Books > Children's Books > Activities, Crafts & Games > Activity Books](#)

Age Range: 5 - 9 years

Grade Level: Kindergarten - 4

Customer Reviews

I've seen students study simple machines in the past, from the youngest to the oldest at my school (K-8), and to support them, I've scrambled to find many resources that would help them in a discovery process. There needed to be some explanation, a gathering of materials, and then the fun work of experimenting, trying all sorts of ways to try to learn how each kind of machine works. We did do it, but how I wish I had had this wonderful book by Kelly Doudna to help the students learn! Kelly introduces the six simple machines with good basic examples in words and

pictures first. For example, a young girl pours her breakfast cereal from a container; it's an inclined plane. And that, along with the other machine's examples, shows what they REALLY DO. Each one, when used, gives a mechanical advantage, an important first vocabulary term. The introduction also introduces Archimedes, and like a few other background pages throughout the exercises, it shows a picture, the time period in which he lived, some of what he studied, and a famous quote. Early in the book there is also a visual list of all the common household items needed in order to do the experiments. It will be helpful to those preparing to experiment. Each machine is thoroughly introduced, and includes what is termed a "Spotlight" (the first picture) which is a real-life example of one of the machines. For example, an airplane's propeller is shown and defined as a screw, which is an inclined plane wrapped around a core. And the ferris wheel (picture above) is introduced in the section about the wheel and axle. Each "Spotlight" offers history along with pictured explanations of the example. My favorite explains the pinball machine!

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

Cool Paper Folding: Creative Activities That Make Math & Science Fun for Kids!: Creative Activities That Make Math & Science Fun for Kids! (Cool Art with Math & Science) The Kids' Book of Simple Machines: Cool Projects & Activities that Make Science Fun! Cool Flexagon Art: Creative Activities That Make Math & Science Fun for Kids! (Cool Art with Math & Science) What Do Pulleys and Gears Do? (What Do Simple Machines Do?) (What Do Simple Machines Do?) (What Do Simple Machines Do?) Totally Cool Creations: Three Books in One; Cool Cars and Trucks, Cool Robots, Cool City Super Cool Chemical Reaction Activities with Max Axiom (Max Axiom Science and Engineering Activities) The Autism Activities Handbook: Activities to Help Kids Communicate, Make Friends, and Learn Life Skills (Autism Spectrum Disorder, Autism Books) Super Simple Jewelry: Fun and Easy-To-Make Crafts for Kids (Super Sandcastle: Super Simple Crafts) Activities for Kids: Free or Nearly Free Kids Activities That They Will Love! Books For Kids: The Misadventures of Mischievous Missy (KIDS ADVENTURE BOOKS #9) (Kids Books, Children Books, Kids Stories, Kids Adventure, Kids Fantasy, Mystery, Series Books Kids Ages 4-6 6-8 9-12) Cool Clay Projects (Cool Crafts) Cool Metal Projects: Creative Ways to Upcycle Your Trash Into Treasure (Checkerboard How-To Library: Cool Trash to Treasure (Library)) Horse Crazy!: 1,001 Fun Facts, Craft Projects, Games, Activities, and Know-How for Horse-Loving Kids Books for Kids: Chompy the Shark (Bedtime Stories For Kids Ages 4-8): Short Stories for Kids, Kids Books, Bedtime Stories For Kids, Children Books, Early ... (Fun Time Series for Early Readers Book 2) Cool Coins: Creating Fun and Fascinating Collections! (Cool Collections (Checkerboard)) Cool Stamps: Creating Fun and Fascinating Collections! (Cool Collections (Checkerboard)) Cool Rocks: Creating Fun and

Fascinating Collections! (Cool Collections (Checkerboard)) DIY Wood Pallet Projects: 23 Creative Wood Pallet Projects That Are Easy To Make And Sell! (DIY Household Hacks, DIY Projects, Woodworking) Janice VanCleave's The Human Body for Every Kid: Easy Activities that Make Learning Science Fun Janice VanCleave's Engineering for Every Kid: Easy Activities That Make Learning Science Fun

[Dmca](#)