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Cool Stuff 2.0: And How It Works



Synopsis

Following on the success *Cool Stuff and How it Works*, this spectacular book shows and explains, in a brilliantly visual and easy-to-understand way, exactly how the technology that shapes our world works. Taking the reader on an eye-opening journey from the engine of a hydrogen-fuelled car, into the virtual world of Second Life, and up the earthquake-proofed structure of the world's tallest office building, learn about the science behind every machine and gadget, and find out when and how things were invented—from mobile phones and games consoles to smart cards and space planes.

AUTHOR BIO: Chris Woodford graduated from Cambridge University with a degree in Natural Sciences. For several years he worked as an information designer for IBM and then made a career change to publishing where he became an editor on specialist science and technology titles. Dr Jon Woodcock graduated from Oxford University with a degree in physics before moving to the University of London where he was awarded a PhD for his work in astrophysics. He has worked in research and development for various hi-tech companies and now consults and writes on science and technology.

Book Information

Hardcover: 256 pages

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Product Dimensions: 8.7 x 0.9 x 11.2 inches

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Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (15 customer reviews)

Best Sellers Rank: #51,931 in Books (See Top 100 in Books) #25 in [Books > Children's Books > Science, Nature & How It Works > How Things Work](#) #15853 in [Books > Reference](#)

Age Range: 10 - 17 years

Grade Level: 5 - 12

Customer Reviews

This was bought as a Christmas book for my 9-year-old son and it has been a big hit. The book is big and colorful and has great photo layouts of the "insides" of all kinds of neat devices. The photos and captions explain how the devices work. If you have a child who is always asking "How do they do that?" or "How does that work?" then this book is a great choice.

Very cool book! Purchased for my 11 yr old son who is into "knowing" how everything works, but only the "cool" stuff haha... Book is packed full of useful information. We use Sonlight homeschool curriculum and this was part of the Science 5 day, but had the book used for only \$5 vice \$25 on the Sonlight site new... Great book at a great price! Every boy should read this!

Cool stuff 2.0 is an awesome book. Before I never knew about inflatable buildings or talking toilets. It really does have a lot of Cool Stuff! But also does a great job explaining how it all works. I think that this book deserves a definite FIVE stars!

This is an attractive and readable book. The photography is terrific. It's a great choice for a child who is even moderately interested in how things work. My only caveat is that too often in the book the authors simply describe something, rather than explain it. For example, the blurb for an atomic watch says it remains accurate by "receiving regular radio broadcasts, which synchronize it with atomic time." No explanation of what atomic time is or what radio broadcasts have to do with anything. The two-page spreads on Second Life and Cube World seemed like nothing more than product placements to me. On the whole, I liked Cool Stuff and How It Works better for its educational value, but both books are entertaining.

My son loves new technology and I want to encourage him to read so this book is awesome! It describes lots of cool things from video games to green vehicles. It has great illustrations and each section is concise enough that kids can enjoy it without getting bored or bogged down. It was a bit advanced for my 8 year old but he could read it with my assistance. He loved it so much that he brought it to school with him for a full week to read with his friends during recess. Now that's a great book!

Great book. My 9 yr old Grandson is very curious about how things work and this book answered a lot of his questions.

This was a Christmas present for my 11 yr. old, and he loves reading it. His younger brother is also interested in it. With kids so interested in IPODS, computers, etc., it's a great way to have them explore what goes on behind the screen.

My son loves this book. We found this hardcover version at a really good price. We thought some of the pages were upside down, but then realized that's just how they designed it (so you can read them with the book turned in 2-page portrait).

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