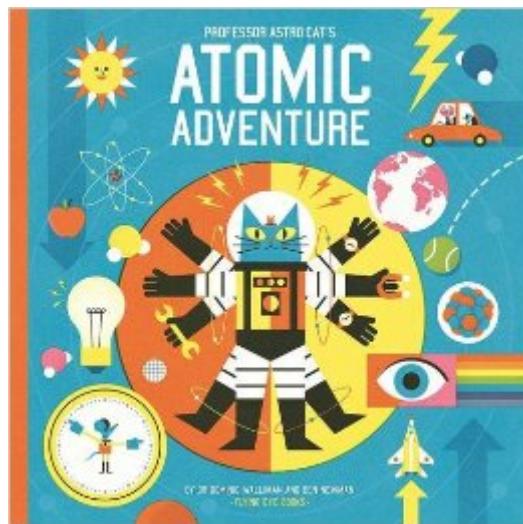


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# Professor Astro Cat's Atomic Adventure



## Synopsis

Class is in session, and the subject is physics. Your teacher? Why, he's the smartest cat in the galaxy! In this brilliant follow up to Professor Astro Cat's *Frontiers of Space*, our trusty feline returns to take you on a journey through the incredible world of physics. Learn about energy, power and the building blocks of you, me and the universe in this all new ATOMIC ADVENTURE! Ben Newman is an award-winning illustrator and Dr. Dominic Walliman has a PhD in Quantum Device Physics. This is their second book together!

## Book Information

Lexile Measure: 1040 (What's this?)

Series: Professor Astro Cat

Hardcover: 56 pages

Publisher: Flying Eye Books (May 10, 2016)

Language: English

ISBN-10: 1909263605

ISBN-13: 978-1909263604

Product Dimensions: 11.5 x 0.6 x 11.5 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars See all reviews (4 customer reviews)

Best Sellers Rank: #124,037 in Books (See Top 100 in Books) #74 in Books > Children's Books > Education & Reference > Science Studies > Physics #1334 in Books > Science & Math > Physics #2115 in Books > Children's Books > Science, Nature & How It Works

Age Range: 7 - 11 years

Grade Level: 1 - 6

## Customer Reviews

Enjoy science? Feel more comfortable when concepts are presented visually as well as in text? Professor Astro Cat could be your new favorite. He has already explored and explained the Frontiers of Space, but now he takes things to a whole different level - the quantum level (among other things). In his Atomic Adventure, Astro Cat covers the many facets of physics, everything from sound waves and refracted light to neutrinos and Newton's Laws. Each topic is illustrated with images of Astro Cat and his faithful mouse helper demonstrating the various concepts. The ideas are presented in simple language and use everyday examples such as talking about the number of atoms you might find on the point of a freshly sharpened pencil, or the idea that inertia is why you

need someone to give you a push to get your swing started on the playground. There are pages on the periodic table, measurement, force and motion, energy sources, and even nano materials. Some of my favorite illustrations are those that show Astro Cat riding on Newton's shoulders, or copying Einstein and sticking out his tongue. The example of kinetic energy that shows Astro Cat using a judo chop on villains is sure to be a crowd-pleaser. And fans of Ant Man will appreciate the explanation of quantum physics. Other things included in the book are an explanation of how rainbows are formed, why paint turns muddy brown when you mix too many colors, and the forces of flight. It is a very readable introduction to physics concepts of all sorts. Whether the book is used to help introduce a science lesson, or simply read for enjoyment by someone interested in science facts, it will be a pleasure for either audience. Astro Cat and all his colorful friends (and villains), demonstrate gravity, friction, and pressure while having a great time doing it. Readers can't help but have a great time, too. I read an e-book provided by the publisher through edelweiss.

My son likes to tell me what  $e=mc^2$  means. Great book. Lots of physics facts.

A bit obtuse for my grandkids, but I'm hoping they will get into this book soon.

Beautiful book, well written and detailed.

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