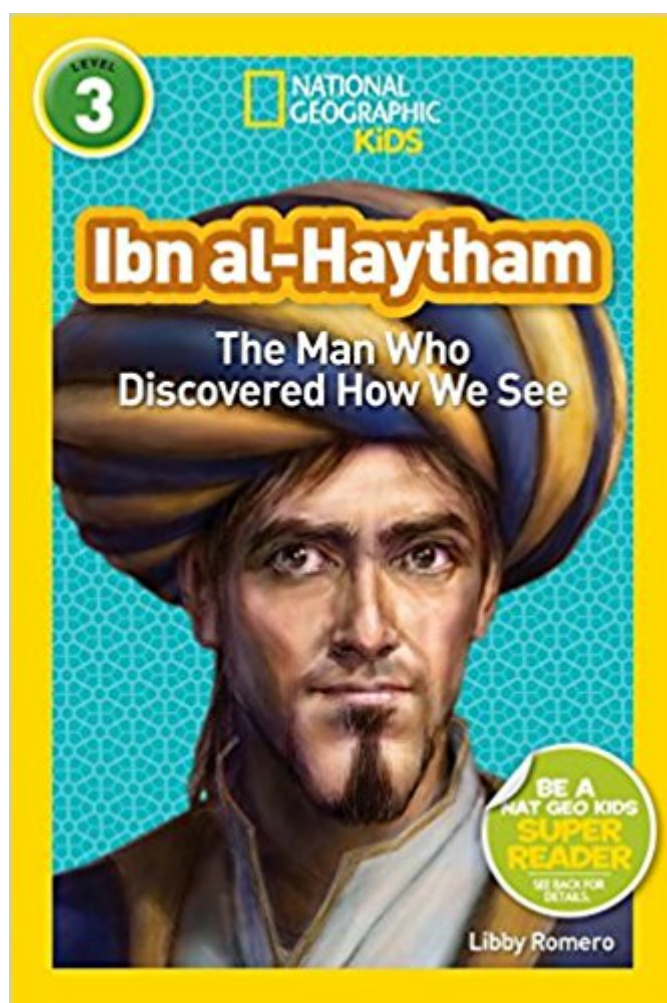


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# National Geographic Readers: Ibn Al-Haytham: The Man Who Discovered How We See (National Geographic Kids: Level 3 (Library))



## Synopsis

Celebrated in a film featuring Omar Sharif in his final role, meet the scientist known as the "Father of Optics," Ibn al-Haytham! During the golden age of science, knowledge, and invention in Muslim civilization -- also known as the "Dark Ages" in Western Europe -- this incredible scholar discovered how we see and set the stage for the methods we now know as the scientific process. Packed with beautiful and engaging photos, kids will learn all about this fascinating scientist. The level 3 text provides accessible, yet wide-ranging, information for independent readers. This book is a companion to the international educational campaign, "1001 Inventions and the World of Ibn al-Haytham," that includes interactive exhibits, workshops, live shows, and a 12-minute film starring Omar Sharif in his final film role before his death.

## Book Information

Series: National Geographic Kids: Level 3 (Library)

Library Binding: 48 pages

Publisher: National Geographic Children's Books (July 12, 2016)

Language: English

ISBN-10: 1426325010

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Product Dimensions: 6.3 x 0.4 x 9.3 inches

Shipping Weight: 9.9 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 19 customer reviews

Best Sellers Rank: #931,360 in Books (See Top 100 in Books) #53 in Books > Children's Books > Education & Reference > History > Middle East #161 in Books > Children's Books > Education & Reference > History > Medieval #520 in Books > Children's Books > Biographies > Science & Technology

Age Range: 6 - 9 years

Grade Level: 1 - 4

## Customer Reviews

Gr 2-4 "This slim volume acquaints beginning readers with the life and times of Ibn al-Haytham (also known as Alhazen), an Arab scholar who was a key figure in the history and study of optics. Arranged in 10 short chapters, the book introduces readers to the golden age of Muslim civilization and al-Haytham's turbulent life and optical discoveries. Students will learn how he feigned madness to escape a bad-tempered caliph; spent 10 years under house arrest; made discoveries about light;

invented an early version of the camera obscura; and developed the first example of the scientific method in *The Book of Optics*. Colorful images appear on every page: a mix of period paintings and drawings and modern-day photographs. "In His Words" and "That's a Fact" boxes are included throughout to reinforce main ideas. Definitions for new vocabulary words are highlighted in a "Words To Know" box. These same terms are also included in a picture glossary at the end of the narrative. A brief multiple-choice quiz will test readers' knowledge. Because this title is a part of the National Geographic Kids Super Reader program, children are offered the opportunity to go online to a dedicated website to earn rewards, play games, and more. VERDICT An accessible overview of a not often covered scholar; a useful addition for science collections.â "Maren Ostergard, King County Library System, Issaquah, WA --This text refers to the Paperback edition.

"AnÂ illuminating introduction to both a significant era in the history of science and one of its brightest stars." -- Kirkus" This book details the life of one of the most important men of the tenth century, whose name is nevertheless unfamiliar to most young readers... Captions contextualize the colorful images that dot the text; these images include paintings, photographs of artifacts, and maps celebrating the glory of the golden age of Islam. A glossary defines words to know and includes images to explain each term." -- Booklist. From the Trade Paperback edition.

I was so excited to get this book for my 5 year old! He just gobbled it up. It's very easy to read and understand, and provides solid information. Even I learned a lot from this book! So happy these books are available for my kids to read - I wish I had these when I was younger.

What a treasure of a book...what a lovely way to learn about a man who taught us how to SEE...

Excellent for children. I bought it for the Boys and Girls Club library.

my son loved the book so much... he is 7 years old

It was absolutely brilliant to get the know such a big scientist for me and my kid.

My 9 years old daughter loved it, and I learned a lot myself along the way!

Great book....very interesting read.

Nicely written and beautiful pics

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