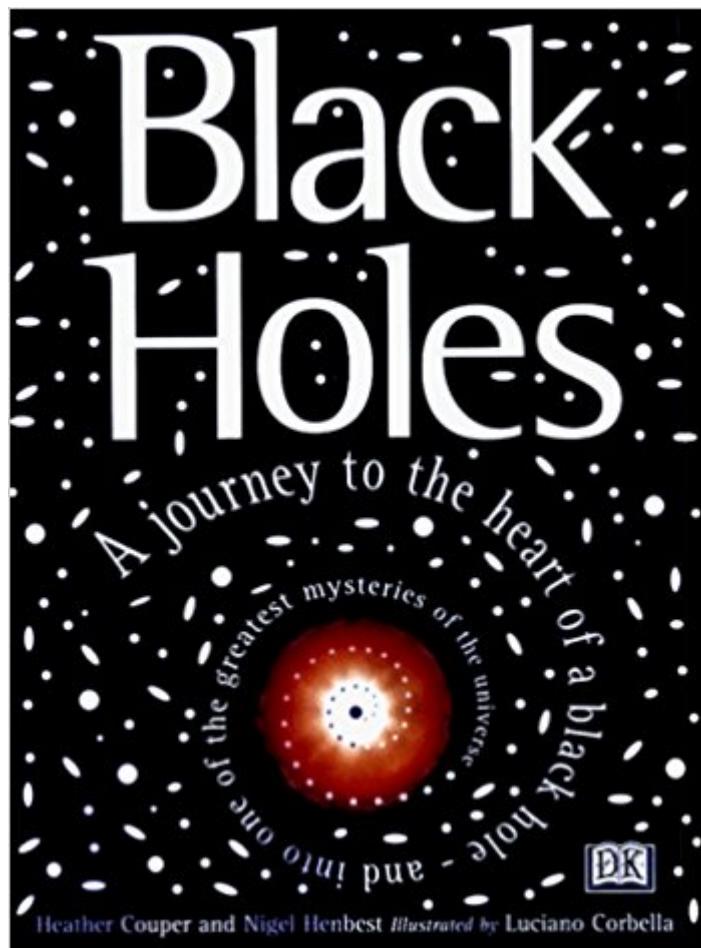


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## Black Holes



## **Synopsis**

Black holes are the most mysterious and misunderstood elements in the universe. Although no one has ever seen a black hole, *Black Holes* explains and depicts these mystifying objects. A recurring topic in the news, *Black Holes* offers the most recent information on this topic--complete with vivid reconstructions and illustrations of what it would be like to travel in a black hole. Full color.

## **Book Information**

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## **Customer Reviews**

In another stellar performance, the creators of *The Space Atlas* tackle a mystifying phenomenon?black holes, which the kid-tailored narrative descriptively refers to as "ravenous monsters lurking in secret places" and "the ultimate sinks of the cosmos." Deftly distilled brief blocks of text and captions accompany technically sophisticated photographs and painstakingly detailed, realistic art, while diagrams further clarify the concepts introduced. Using the publisher's trademark visually-oriented format, the authors examine the roles of such luminaries as Isaac Newton, Albert Einstein and Stephen Hawking in piecing together the intricate puzzle explaining the formation, composition and power of black holes. Among the many tantalizing issues raised are a theory that "wormholes" or "tamed" black holes may provide the key to traveling through time, and the notion that our universe itself is a giant black hole. Notable design features include a double-spread fold-out at the book's midpoint; abundant use of dramatic black backgrounds; and a snazzy jacket with a diecut black hole. Ages 12-up. Copyright 1996 Reed Business Information, Inc.

Grade 4-6?Welcome to the cosmos of black holes, white holes and wormholes; quasars, blazars,

machos, and radio galaxies. Swerving and spiraling through shoals of white-on-black captions, Corbella's painted stars and singularities shrink, expand, schematically warp space and time, emit rays of elementary particles, and open gateways to other universes. It's nearly all speculative, of course, but Couper and Henbest, both eminent and prolific science writers, summarize the astrophysical principles and observations that make these mind- and space-bending events at least feasible: the theories of Albert Einstein, Stephen Hawking, and Kip Thorne; the life cycle of stars; the effects of gravity on matter and space. They "follow" an astronaut and conclude with the idea that our universe may itself be a black hole. The level of detail is cursory to the point of confusion. Readers are left to wonder whether the orbits of all the planets precess like Mercury's, and to interpret for themselves the announcement that "all black holes evaporate"?and it's nearly impossible to find order in the barrage of infobite captions. However, young scientists who want to know more than what the same authors had to say on the topic in Space Atlas (Harcourt, 1992) will be sucked in by the dramatic illustrations.?John Peters, New York Public LibraryCopyright 1996 Reed Business Information, Inc.

Great book.

Excellent all the way around. I would buy from them again. Very satisfied overall.

I purchased this for my 11 year old nephew and he loved it. I recommend this for anyone who is interested in space or black holes.

As a 10-year-old who is studying black holes, this book is a good resources. It has lots of good info, although it is a bit confusing at some points. I have gotten TONS of black hole stuff, but I think this is the best book on black holes for my age level. Black holes are an interesting subject, and I love studying them. They are a huge mystery, one of many in the universe. I think the most interesting fact I have found about Black Holes is that they can warp you to another universe. One of the reasons that I like to study them is because me and my partner, Cody, can make many predictions, such as if they actually DO warp you. This book basiclly has most of the info you need on Black Holes.

My 7yo has been fascinated by space since he was a toddler and this book is one of his favorites. I've managed to peek in it once in a while and it is truly well done. The ideas and theories are

explained clearly and with gorgeous illustrations. I wonder though if the information in this book will not be outdated very soon once the particle collider experiment actually takes place since many of these theories may or may not be disproven by that. For the moment though the explanations and illustrations in this book make it a wonderful addition to any child's library. I also strongly recommend Henbest's book 'To the Ends of the Universe" which is equally good and twice as thick :)

Try another book that goes even deeper in only 30 pages. It's called "Everything About Black Holes" and it explains everything with science. It's on .

This book is very well done. The information is invaluable to anyone who wishes to know anything about black holes. The descriptions are thorough and the illustrations compliment the information very well. I'd recommend this to anyone who has a beginning interest in black holes or someone who's already started.

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