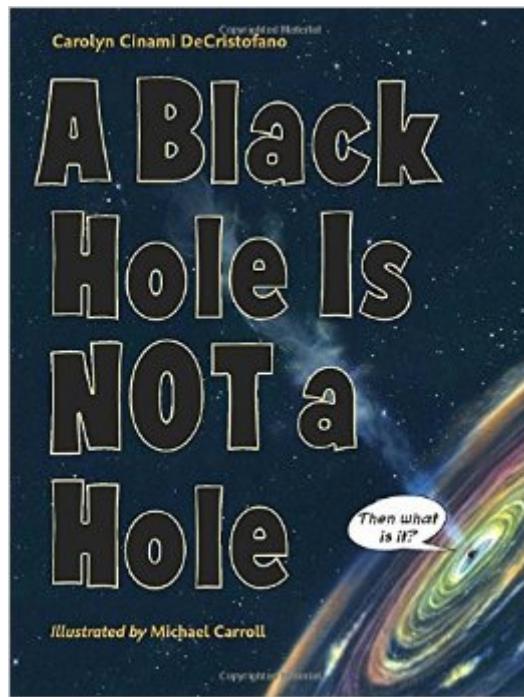


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# A Black Hole Is Not A Hole



## **Synopsis**

Get ready to S-T-R-E-T-C-H your mind! What is a black hole? Where do they come from? How were they discovered? Can we visit one? Carolyn Cinami DeCristofano takes readers on a ride through the galaxies (ours, and others), answering these questions and many more about the phenomenon known as a black hole. In lively and often humorous text, the book starts off with a thorough explanation of gravity and the role it plays in the formation of black holes. Paintings by Michael Carroll, coupled with real telescopic images, help readers visualize the facts and ideas presented in the text, such as how light bends, and what a supernova looks like. *A BLACK HOLE IS NOT A HOLE* is an excellent introduction to an extremely complex scientific concept. Back matter includes a timeline which sums up important findings discussed throughout, while the glossary and index provide a quick point of reference for readers. Children and adults alike will learn a ton of spacey facts in this far-out book that's sure to excite even the youngest of astrophiles.

## **Book Information**

Lexile Measure: 900L (What's this?)

Hardcover: 80 pages

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Average Customer Review: 4.5 out of 5 stars Â See all reviewsÂ (22 customer reviews)

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Age Range: 9 - 12 years

Grade Level: 4 - 7

## **Customer Reviews**

"A Black Hole is Not a Hole," by Carolyn Cinami DeCristofano, is a delightful book directed at the young adult audience that could also legitimately serve as a fine introduction to the topic for anyone. I don't typically read or review books in this category, but in this case the book was obtained as

part of an early reviewers program, so I had the obligation to both read and review it. I have always been fascinated by the notion of black holes, which smack of the mysterious if not quite magical, and as an adult I have read widely on this as well as the latest in cosmology â€“ at least until interspersed in the pages I have hit the twin brick walls of advanced physics and higher mathematics that form both the foundations to modern astronomy and the often impenetrable road blocks (if you will forgive the mixed metaphor) that impede the lay reader from a more vigorous study. Physicists like Stephen Hawking and Sean Carroll write books on cosmology directed at the popular audience, but that popular audience must still have a better grip on the basics of math and physics than most people actually can claim, so the material remains frustratingly obscure to many. I suspect that young adult readers are closer to the tools of science and mathematics required to better explore cosmology because they are experiencing it in the classroom real-time. Even so, the subject of black holes is inherently complex. Enter DeCristofanoâ€™s *A Black Hole is Not a Hole*, sumptuously illustrated by Michael Carroll, which offers an outstanding overview of the topic suitable for young adult readers and their older counterparts.

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