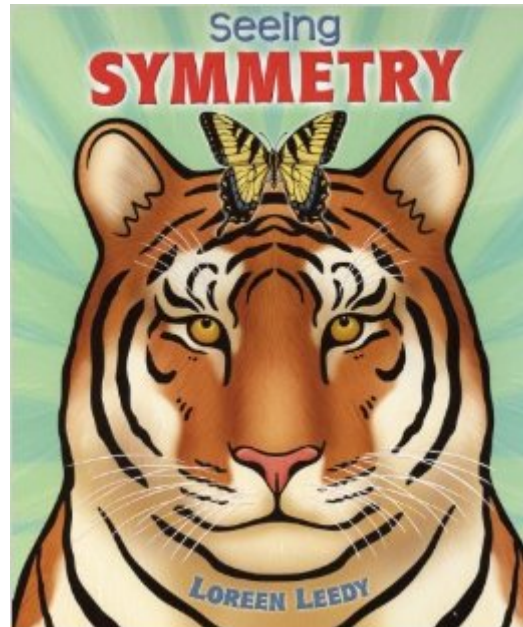


The book was found

# Seeing Symmetry



## Synopsis

This book is aligned with the Common Core State Standards for fourth-grade mathematics in geometry: (4.G.3). Once you start looking, you can find symmetry all around you. Symmetry is when one shape looks the same if you flip, slide, or turn it. It's in words and even letters. It's in both nature and man-made things. In fact, art, design, decoration, and architecture are full of it. This clear and concise book explains different types of symmetry and shows you how to make your own symmetrical masterpieces. Notes and glossary are included.

## Book Information

Lexile Measure: 640 (What's this?)

Paperback: 32 pages

Publisher: Holiday House; Reprint edition (January 7, 2013)

Language: English

ISBN-10: 0823427625

ISBN-13: 978-0823427628

Product Dimensions: 0.2 x 9 x 11 inches

Shipping Weight: 3.2 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (14 customer reviews)

Best Sellers Rank: #306,512 in Books (See Top 100 in Books) #56 in [Books > Children's Books > Education & Reference > Math > Geometry](#)

Age Range: 6 - 9 years

Grade Level: 1 - 3

## Customer Reviews

I've often found it hard to explain symmetry to kindergarteners, other than showing them a butterfly or doing the art project with paint....you know the one (drop some paint onto a sheet of paper, fold the paper in half and open - you have symmetry!). This book gives many other examples so that kids who "don't get it the first time" can see other things with symmetry.

Loreen Leedy is able to present factual information with a graphic punch that gets the message across to visual learners. We have loved her other math concepts books (Measuring Penny, etc.) and her social studies books (Follow the Money, the 50 States, etc.) In this book, she presents symmetry in such a clear and memorable way -- it is rare to see a math concept book this well done. The book itself is very nice -- extra large illustrations on higher-quality paper. This book is a keeper.

Symmetry is all around us! Lorren Leedy shows symmetry's basics in this colorful picture book. Beginning with the basic line of symmetry she shows that items divided down the middle have a mirror image on each side. Many animals like humans are symmetrical in their makeup. A Line of symmetry can be vertical or horizontal. Much of the alphabet and even words like MOM and BOX are symmetrical. She introduces rotational symmetry with propellers and wheels. Found in artwork from long ago including portraits, patterns, furniture and buildings we have continued to utilize symmetry. Super picture book explaining the basic principle of symmetry to children in a fun and exciting way! Includes activities in the back of the book to reinforce learning. My children loved looking at each picture and drawing the imaginary line of symmetry and then looking around their own surroundings for similar things. I think this was a great way to share a concept that is exciting but can get dulled down a bit in math books. Teaching them via a picture book is an awesome way to get it ingrained in their mind!! I received this book from the publisher Holiday House Book in exchange for an honest opinion.

"Seeing Symmetry" is a great picture book that helps young children understand the concept of symmetry. My seven-year-old has been learning "symmetry" at school and this book helped reinforce that learning in a fun way. I love how the author/illustrator builds on basic foundations so that a child can easily follow and understand the concept of symmetry. Colorful illustrations of objects such as a cupcake, a dragonfly, turtle, etc. encourage children to look for symmetry. The book then goes on to show the concept of what constitutes symmetry and what is meant by the word "symmetrical". There are lots of illustrations to help a child understand this concept, conveyed in clear lines and step-by-step illustrations in some cases. The concepts of "line symmetry" (vertical and horizontal) as well as "rotational symmetry" is also portrayed via various illustrations. Author/illustrator Loreen Leedy provides notes at the end to explain these concepts further (great for teachers and parents) as well as ideas for fun activities that will reinforce a child's understanding of the concept. There's even a vocabulary listing of words pertaining to the concept and also an explanation (and this is something I truly appreciate) of why "symmetry" is important in math. I'd highly recommend this book for school and library collections, and a must-read for children learning the concept of symmetry.

It took me a while to appreciate this simple, quiet book. After having read it to six classes of K-2nd grade children, I started to understand that this book is a simple look and see book. I guess I was

expecting it to be a glitzy, razz-ma-tazz book with lots of bounce; it isn't. Slowly, slowly it builds children's confidence on the one simple concept of symmetry. By the end of the book, they get it--and that's what I was after in the first place! Kristy, the art teacher

Sadly I was born with a Word Brain not a Math Brain. Math was a loathsome task when I was young. It would have helped me so much, me with my Word Brain, to have understood math had I had books like this new wonderful book, *Seeing Symmetry*, by Loreen Leedy. The title page with, on one side, the title, author's name, publisher, and half an owl, and on the other side, a reflection of the left, immediately alerted me to the Leedy's whimsy. You will understand symmetry after reading this clever and colorful book, whether you are fifty or five.

The book is very informative. It is not very child friendly. I was hoping for something with more of a story to really stick in students memories. The book describes symmetry and gives some examples that children enjoy. The pictures are pretty good.

Beautiful and appropriate for different ages. My three daughters -10, 8 and 5- found something interesting to comment and even my husband and I learned something! (rotational symmetry... who knew!) Great for talking about geometry with children in an informal and fun context.

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