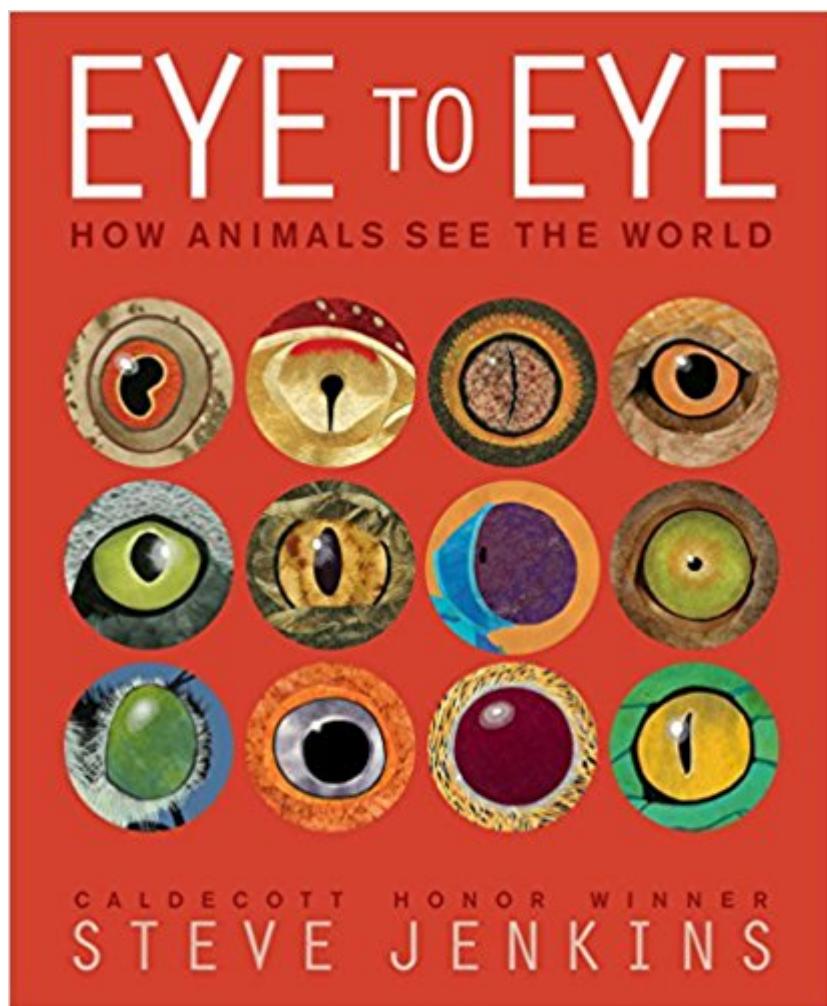


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# Eye To Eye: How Animals See The World



## Synopsis

In his eye-popping work of a picture book a nonfiction, the Caldecott Honor-winning author-illustrator Steve Jenkins explains how for most animals, a eyes are the most important source of information about the world in a biological sense. The simplest eyes—clusters of light-sensitive cells—appeared more than one billion years ago, and provided a big survival advantage to the first creatures that had them. Since then, animals have evolved an amazing variety of eyes, along with often surprising ways to use them.

## Book Information

Lexile Measure: NC1040L (What's this?)

Hardcover: 32 pages

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Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 25 customer reviews

Best Sellers Rank: #78,292 in Books (See Top 100 in Books) #57 in Books > Children's Books > Education & Reference > Science Studies > Biology #124 in Books > Children's Books > Education & Reference > Science Studies > Zoology #1372 in Books > Children's Books > Science, Nature & How It Works

Age Range: 6 - 9 years

Grade Level: 1 - 4

## Customer Reviews

Gr 3-6 •The ability to perceive light and dark first developed in simple animals approximately 600 million years ago. Since that time, multiple variations of eyes have evolved from four main types: eyespot, pinhole, compound, and camera. Toward the end of the book, Jenkins devotes a page to describing the "evolution of the eye," enabling readers to easily follow the changes. Jenkins's outstanding torn- and cut-paper illustrations offer a fascinating look at these important organs, which range in size from the tiniest holes (starfish) to basketballs (colossal squid). Eyes not only allow animals to find food and avoid predators but can also assist in swallowing food and aid in attracting a mate. Large, colorful pictures of more than 20 animal eyes are accompanied

by a small illustration of the entire creature and a brief paragraph of intriguing information (for example, as a halibut ages, one eye moves until both end up on the same side of its head, the panther chameleon can operate both eyes separately, and the hippopotamus has a clear membrane that enables it to see while underwater). Animal facts, a bibliography, and a glossary round out this slim volume that will captivate readers of all ages. *•Maryann H. Owen, Children's Literature Specialist, Mt. Pleasant, WI*

This attractive, large-format volume introduces eyes in the animal kingdom. Large, colorful, and sometimes arresting, the illustrations will draw many young children, but they will find the vocabulary and concepts challenging. While the introduction briefly discusses the history and types of eyes, it does not provide the basic background that kids will need to understand the information given later. A typical entry features one animal on a page or a double-page spread. Jenkins seeks to amaze and inform with factoids, such as that the basketball-sized eyes of the colossal squid can detect the faint glow of tiny bioluminescent creatures when they are disturbed by an approaching sperm whale, the squid's archenemy. The writing seems complex for the intended audience, but the artwork is handsome and well composed; each image is a subtle, intricate paper collage. There is no indication of the animal's actual size until the back matter. Still, browsers will enjoy the illustrations, while teachers might find this a useful visual resource for showing a wide variety of animal light-sensors and eyes. *Grades 2-4. --Carolyn Phelan*

**EYE TO EYE: HOW ANIMALS SEE THE WORLD** by Steve Jenkins applies astounding collage techniques to produce an informational picture book that will fly off the shelves. Fans of Steve Jenkins of **WHAT DO YOU DO WITH A TAIL LIKE THIS?** will enjoy his focus on eye sight in animals. While younger readers will be drawn to the appealing images, older children will enjoy the informational aspects of this book. The accurate, detailed focus on the special features of each animal will be useful to both students working on reports and teachers seeking interesting examples for class. Additional details about each animal are found at the end of the book. Of particular interest is the way Jenkins traces the evolution of the eye. Look for the chart showing the evolutionary process. Although the collage illustrations are amazing, design an activity that asks children to compare the collage images with photographs of each creature. The book along with close-up eye photographs would be fun for a library display. Go to the author's website to learn more about the books. Be sure to check out the section on making books. Go to <http://www.stevejenkinsbooks.com>.

Content-heavy, more for top of 6-9 year age range -- and above -- or for read-together time. Good illustrations. Probably best used as a reference book. Very helpful glossary in the back. We ordered it for a 7 year old, but will hold it for a while.

Nice pictures!

Who knew that there were so many different eyes! If the eye is a reflection of the soul, then children (and adults) will be surprised to find so many secrets of the soul in the animal kingdom.

While I have not used this in my classroom yet, I learned something new from the book and I know a LOT about animals. I can't WAIT to have my students get interested in eyes as part of our "features and functions" studies!

Beautiful book. I love all of Steve Jenkins' books. Magnificent collages that inspire children to observe closely, and learn more. Beautiful for adults and children. Great gifts.

How the animals see the world. All from the point of view of the animal. From the animal's eyes. Very different book. Good to introduce to kids. Allows them to widen their perspectives and open their minds to the world of animals.

His Bones book is better, but this is a good solid book on eyes and different types of eyes. It is informative and has nice pictures.

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