

# Vision Without Sight

Susan Brocker

Here's a quick summary of some of the facts from the book. Use these questions and answers to test your understanding, to stump your friends, or as an outline for further research.

## What are photoreceptors?

They are special light-sensing cells in the retina of the eye that change images into millions of electrical signals.

## Where do most visually impaired children go to school?

More than 60 percent of visually impaired children in the United States attend regular schools.

## Who was the first deaf and blind person to graduate from college?

The first deaf and blind college graduate was Helen Keller.

## Why was the invention of the Braille typewriter so important?

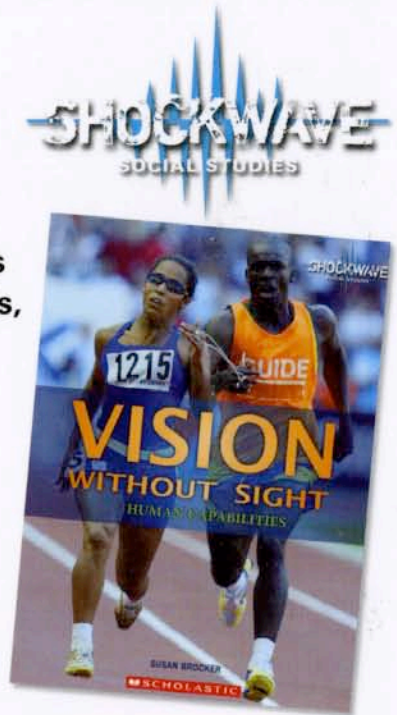
It meant that books for visually impaired people could now be printed on a large scale.

## What animals use echolocation?

Some of the animals that use echolocation are bats, dolphins, and whales.

## How many people in the world are visually impaired?

More than 40 million people in the world are visually impaired.



## Related Reading

Why would an astronaut's blood boil in the vacuum of space? Read the fascinating answer in *Secrets of the Space Shuttle*.

**Think Tank**

Write a summary sentence for each of the main headings in the book.

Heading	Summary
How We See	
Blindness in the Past	
Seeing With Touch	
Seeing With Technology	
Out and About	
Seeing With Sound	
Seeing With Music	
The Mind's Eye	
Blindness Without Borders	
Blind to Failure	
Vision for the Future	

**Word Power**

How many words to do with the five senses can you think of?

Sight	Hearing	Touch	Smell	Taste
pretty	loud	soft	stinky	sour

**Writer's Workshop**

Read the recap box on page 13. Then write a list of other devices that have been developed to help the visually impaired.

**Amazing Developments**

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