

The Five Senses

# Sight!

Ruth  
Spiro

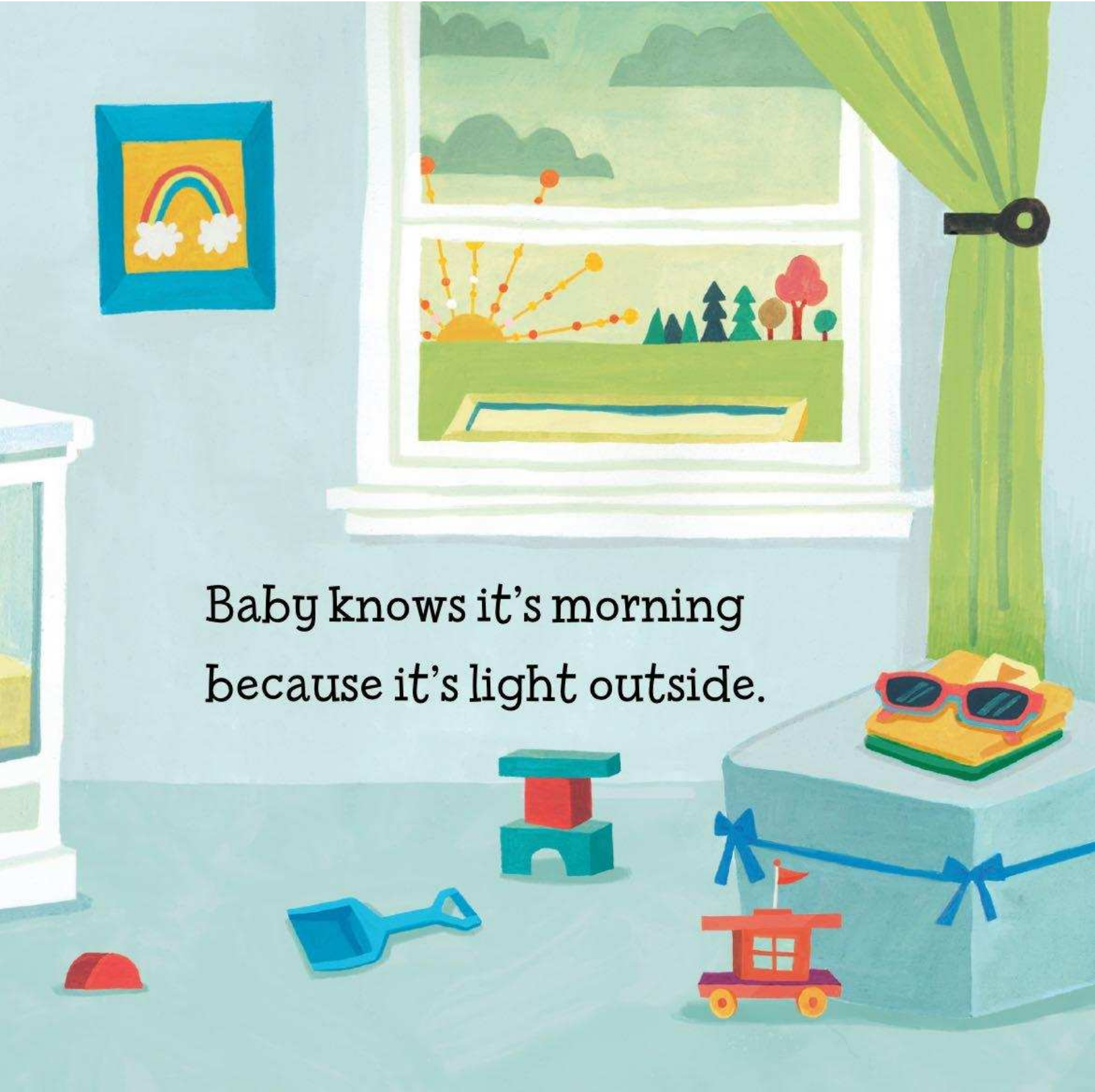
*Illustrated by*  
Irene Chan



Good morning, Baby!

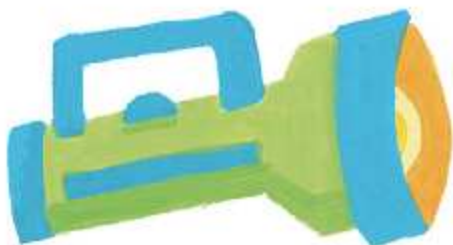


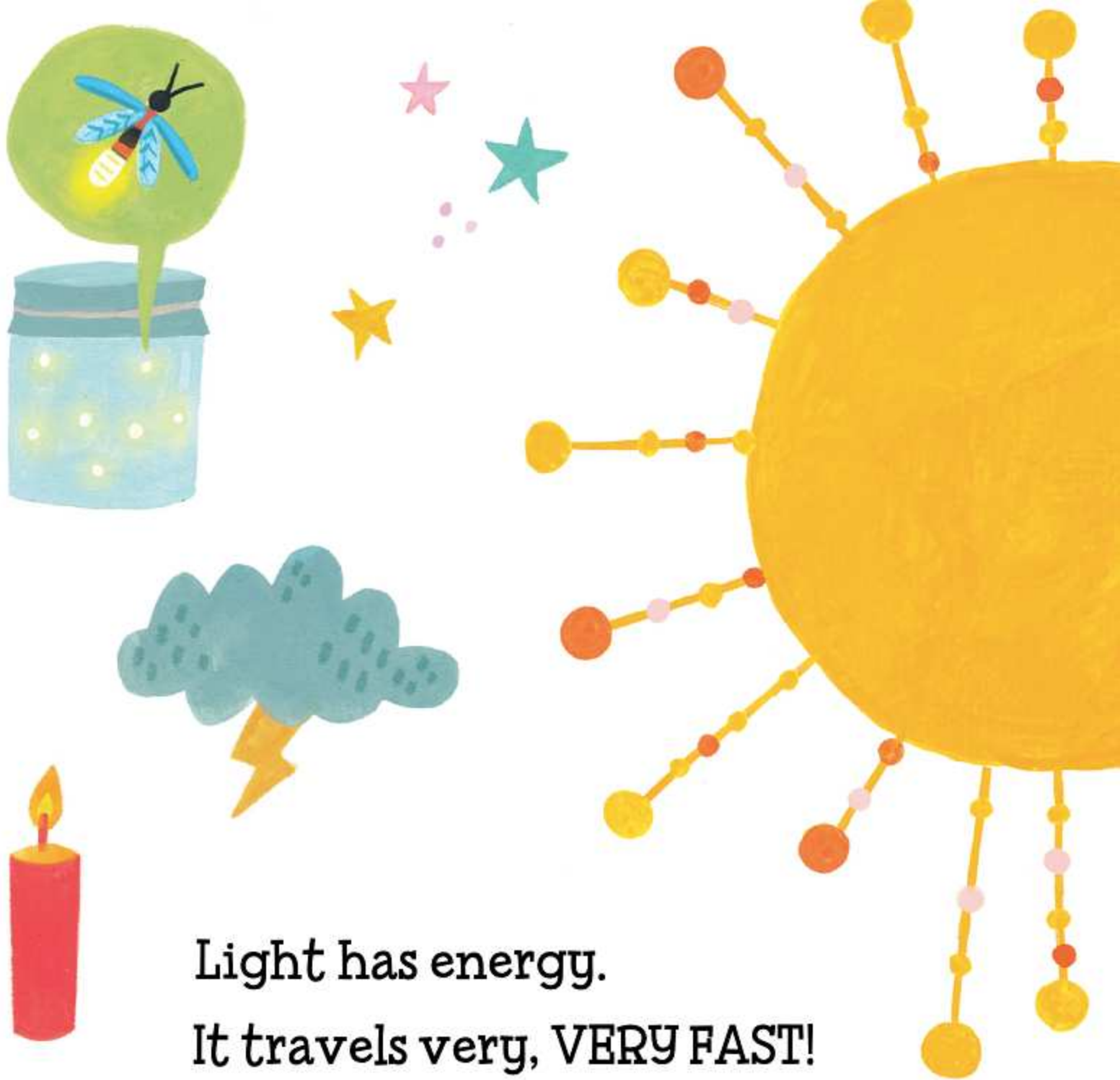




Baby knows it's morning  
because it's light outside.

Many things create light,  
but most light comes from the sun.





Light has energy.  
It travels very, VERY FAST!



Outside, Baby likes to dig.  
He uses a blue shovel.



How does Baby see the shovel?



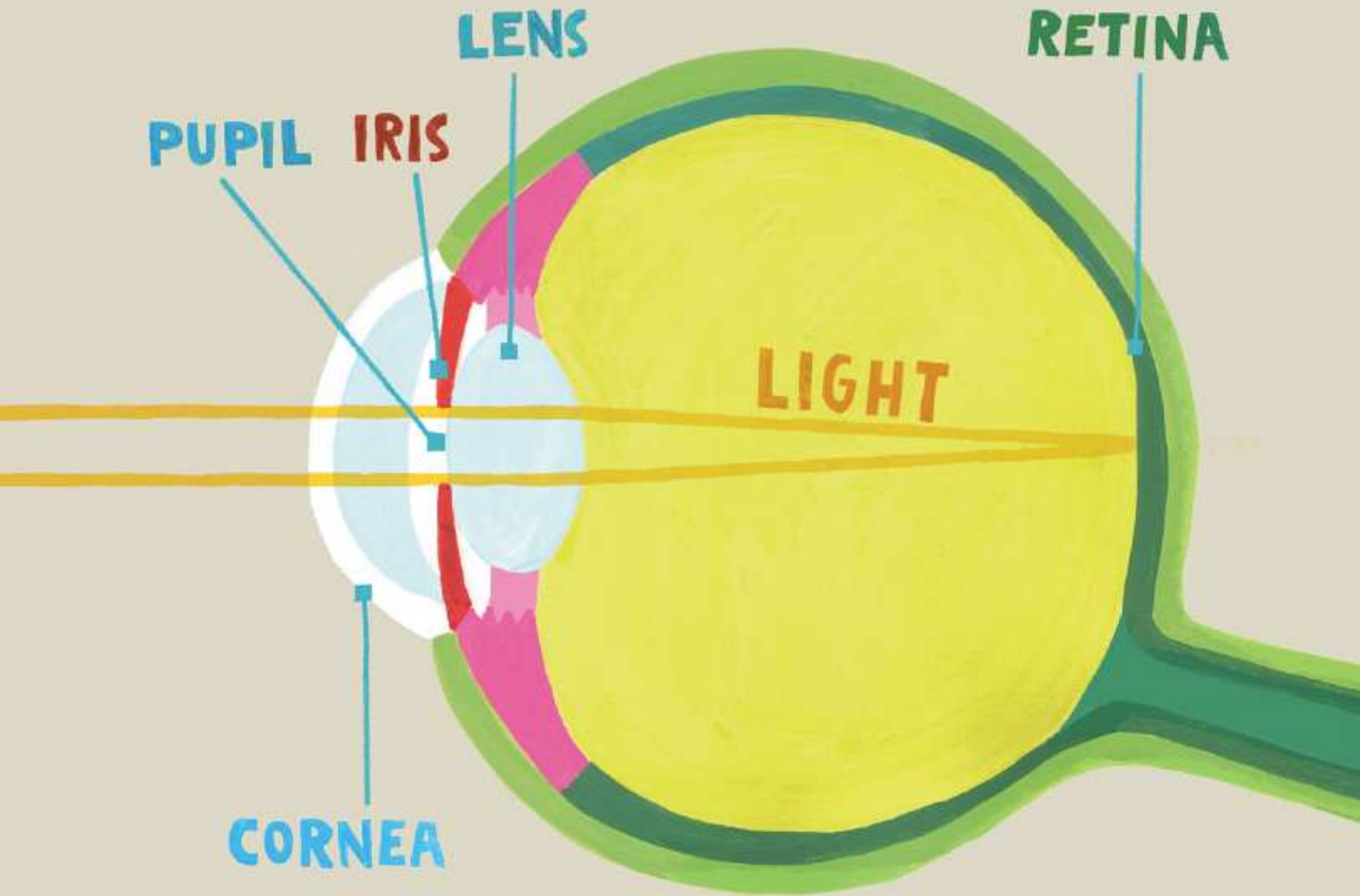


With his eyes!  
Light bounces off the shovel and  
enters the eyeball.

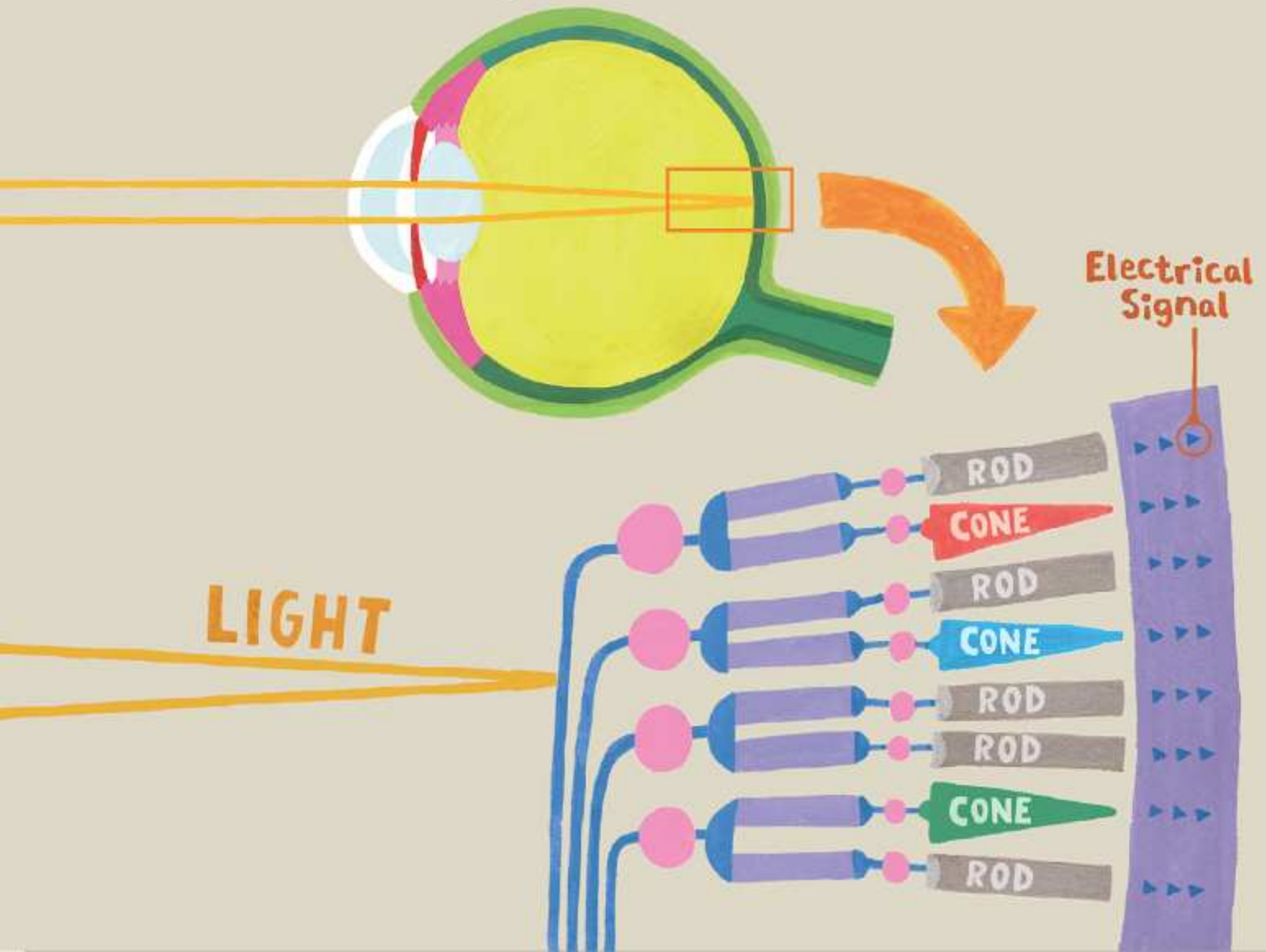




It passes through the cornea,  
the pupil, and the lens to the retina.



The retina has tiny rods and cones.  
They turn the light into an  
electrical signal.

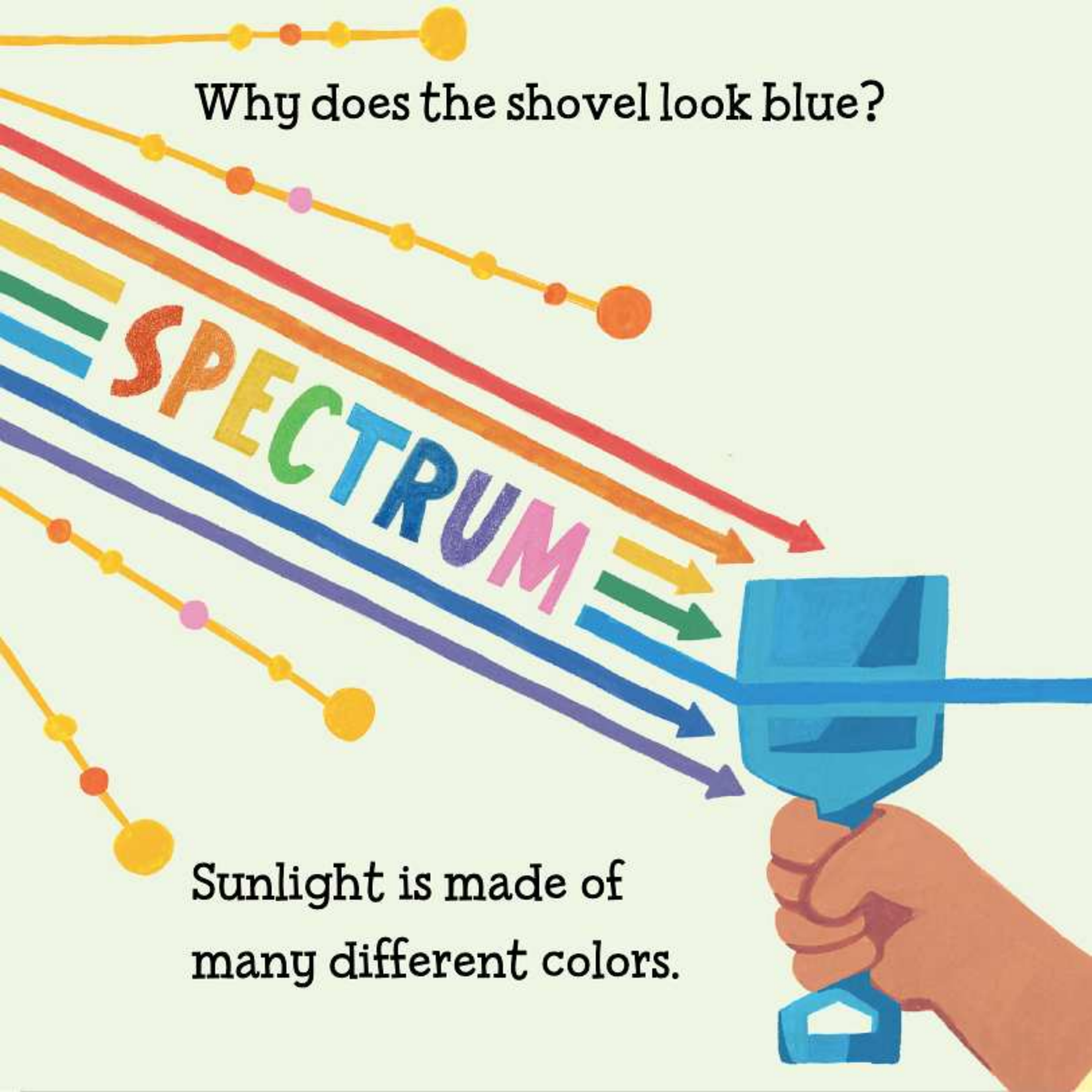


The signal travels to Baby's brain,  
and his brain turns the signal  
into the picture he sees.





Why does the shovel look blue?



Sunlight is made of  
many different colors.

The shovel absorbs most of the colors.  
Only the blue light bounces off.  
Baby sees blue.



Sometimes eyes need help.  
Glasses can help people  
see better.





Some people can't see at all.



They use other  
senses to read books  
and get around.

Uh, oh! Baby sees a dark cloud.  
It's raining!








DRIP

DROP





After the rain, tiny drops  
of water remain in the air.

When sunlight hits the drops, the colors  
spread out in different directions.



Baby can see all the colors.





Baby loves a rainbow!



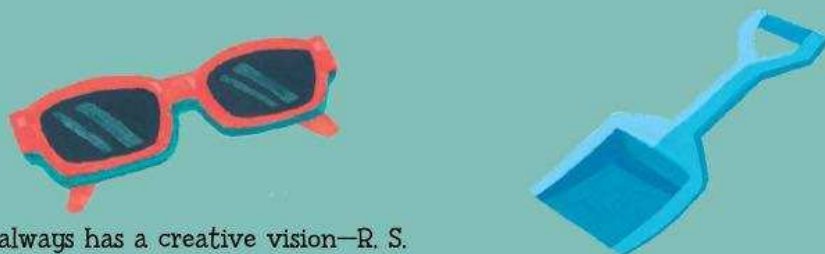




# BABY Loves Science

Little books about big ideas

What is vision, and how do Baby's eyes help him see the world around him? Discover the science behind our sense of sight!



For Sarah, who always has a creative vision—R. S.

For Susan Sherman, whose artistic vision took Baby Loves Science from its first script to the tenth book ♥ —I. C.

Very special thanks to Dr. Fred Bortz, Dr. Deborah Berebichez, and Beth Finke for their invaluable expertise and advice.

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