

GOD'S LITTLE EXPLORERS

# God's Little Astronomer

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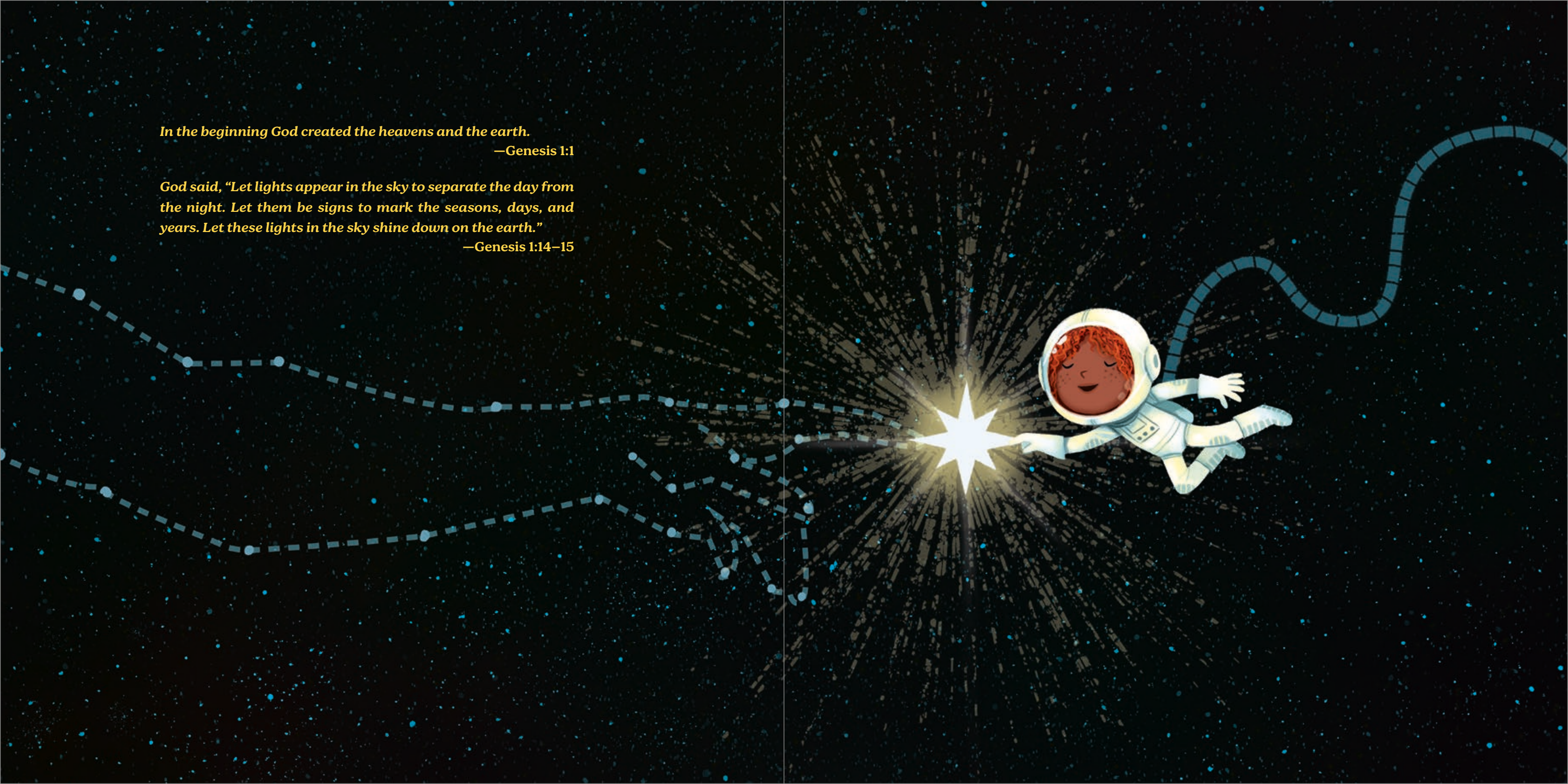


*In the beginning God created the heavens and the earth.*

*—Genesis 1:1*

*God said, “Let lights appear in the sky to separate the day from the night. Let them be signs to mark the seasons, days, and years. Let these lights in the sky shine down on the earth.”*

*—Genesis 1:14–15*





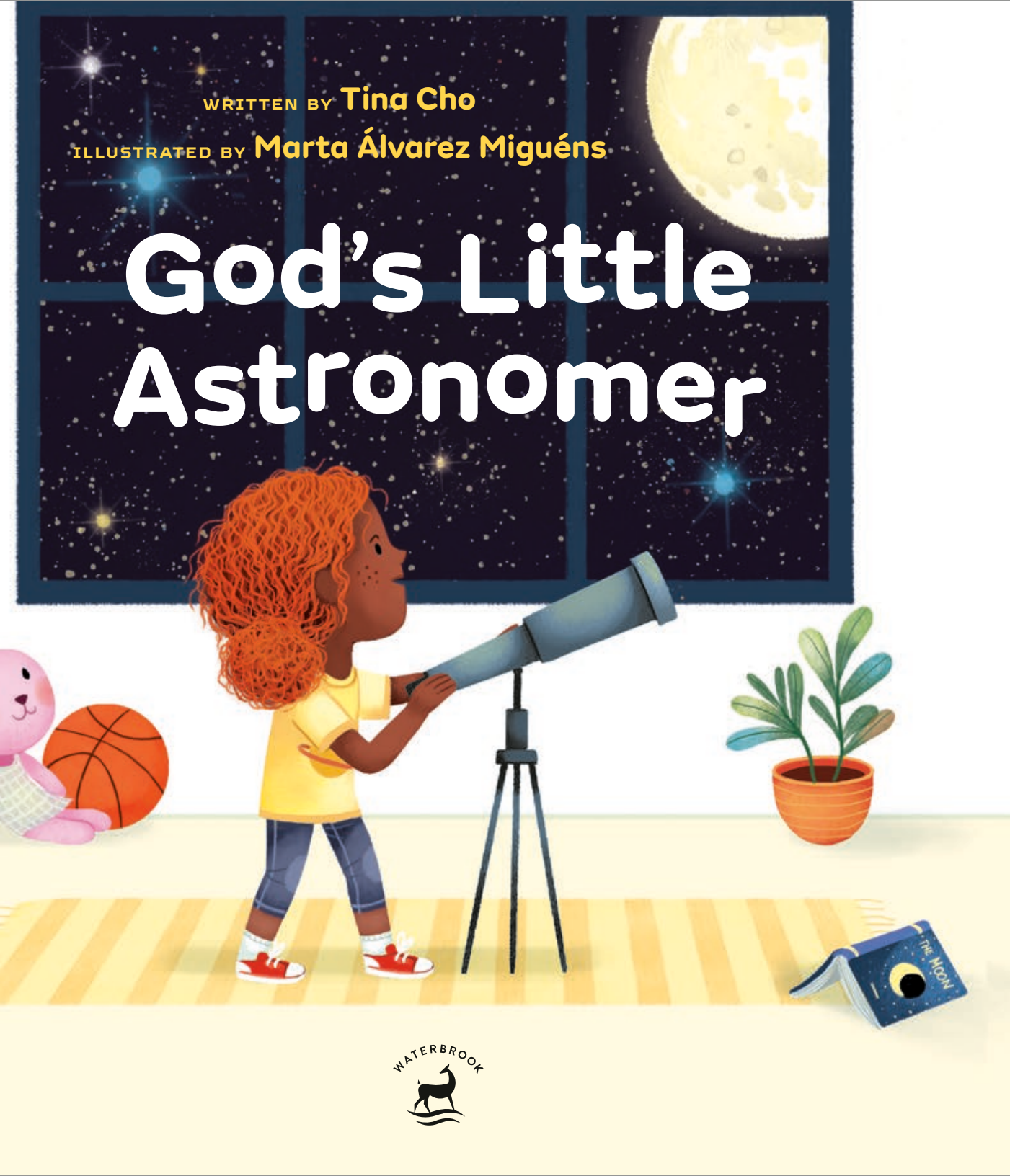


For my father-in-law, Seung Hwan Cho, who showed me Saturn for the first time through a telescope in South Korea, and for our amazing Creator God.

—TC

To all those curious little minds who want to know what lies beyond the stars.

—MAV



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# God's Little Astronomer



Little astronomer, let's take a  
trip to outer space, high above  
the mountains, clouds, and sky.

Out the window, you will see  
**the wonders God has made.**



*Before the mountains were born,  
before you gave birth to the earth and the world,  
from beginning to end, you are God.*

—Psalm 90:2





God created the galaxies. You live in the Milky Way.  
This swirl of gas, dust, and billions of stars  
floated through the universe **when God spoke.**

*The LORD merely spoke,  
and the heavens were created.  
He breathed the word,  
and all the stars were born.*

—Psalm 33:6

OUR SOLAR SYSTEM



A galaxy is made up of gas,  
dust, stars, and planets, which  
are kept together by gravity.  
There are more than 100 billion  
galaxies in the universe. Earth is  
part of the Milky Way galaxy.



Every star glows with heat and light. Some are giants. Some are dwarfs. Did you know—stars can be red, orange, yellow, white, or blue? Our Creator used a palette of colorful lights to paint the universe. Each star is a guide to **His goodness and love for you.**

White Dwarf Star

Red Dwarf Star

Yellow Dwarf Star

Blue Giant Star

Red Giant Star

Red Supergiant Star

*The sun has one kind of glory,  
while the moon and stars each have  
another kind. And even the stars  
differ from each other in their glory.*

—1 Corinthians 15:41

Although we often draw stars with five points, they are balls of gas, made of hydrogen and helium. Stars look small from Earth, but that's because they are so far away. From Earth, stars look white, but did you know they are actually different colors? Astronomers can tell the temperature of a star based on its color: Blue stars are the hottest, followed by white and yellow. The cooler stars are orange and red.



There are more than 200 billion trillion stars, yet God counts them and knows their names. More amazingly, He knows *your* name and watches you **shine** in the world.




*He counts the stars  
and calls them all by name.  
—Psalm 147:4*



On a clear night, you might see 3,000 stars with your own eyes. With a telescope, you might see 100,000 stars. In our galaxy, there are more than 100 billion stars!





The sun, Earth's closest star, is a hot ball of gas. It gives off heat and energy so people, plants, and animals can live and grow. Its gravity holds our solar system together.

*From the rising of the sun to  
the place where it sets,  
the name of the LORD is to  
be praised.*  
—Psalm 113:3, NIV



Our solar system is made up of the sun and everything that orbits, or circles, it. The sun is a middle-sized yellow star that is 27 million degrees Fahrenheit at its core, or center. The sun is 93 million miles away from Earth. If you drove a car 93 miles per hour, it would take 1 million hours to reach the sun—way more than 100 years!





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