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How Was the Universe Born?

As the Earth traveled around a giant star called the Sun, it collected more and more water and air. As water and air formed, plants, trees, and animals began living on Earth. Various creatures, from tiny fish to giant dinosaurs, came to live on Earth. Over time, humans began to live on Earth as well.

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General  
Onologic  
Soft

GM Kids Series



GM Kids Series


# How Was the Universe Born?



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Soft






A young child is shown from the chest up, wearing a costume made of a cardboard box and silver foil tape, resembling an astronaut. The child is wearing blue and white striped gloves and is looking upwards with a curious expression. The background is a deep space scene with a bright yellow sun, a large ringed planet like Saturn, a blue planet, and various smaller planets and stars.

**What can you see  
when you look up at the night sky?  
Countless stars twinkle  
in the sky when the Sun sleeps.**



A young boy with light brown hair, wearing a bright yellow t-shirt, is looking up and to the left with a thoughtful expression, his hand resting on his chin. The background is a vast, dark space filled with a large, vibrant nebula in shades of red, pink, and purple, with numerous bright stars scattered throughout.

**The night sky, a world filled with stars, is called the universe. So, how did the universe come to be?**



**Once upon a time, the world was  
black and silent.**



**This world without people, animals,  
or plants started from a single dot.**

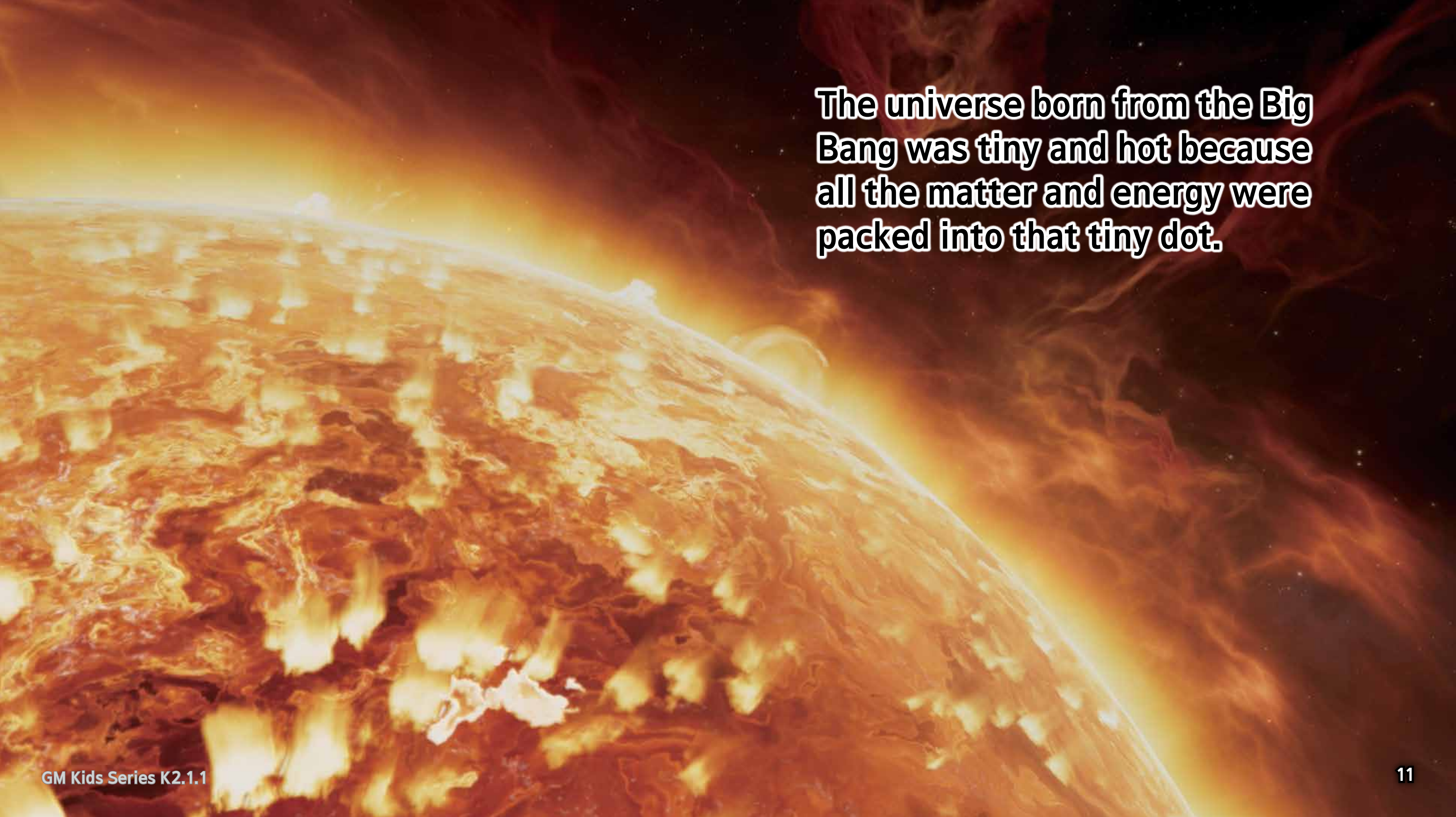






**About 13.8 billion years ago, a tiny dot appeared in an empty world, and a massive explosion occurred. This is called the "Big Bang."**





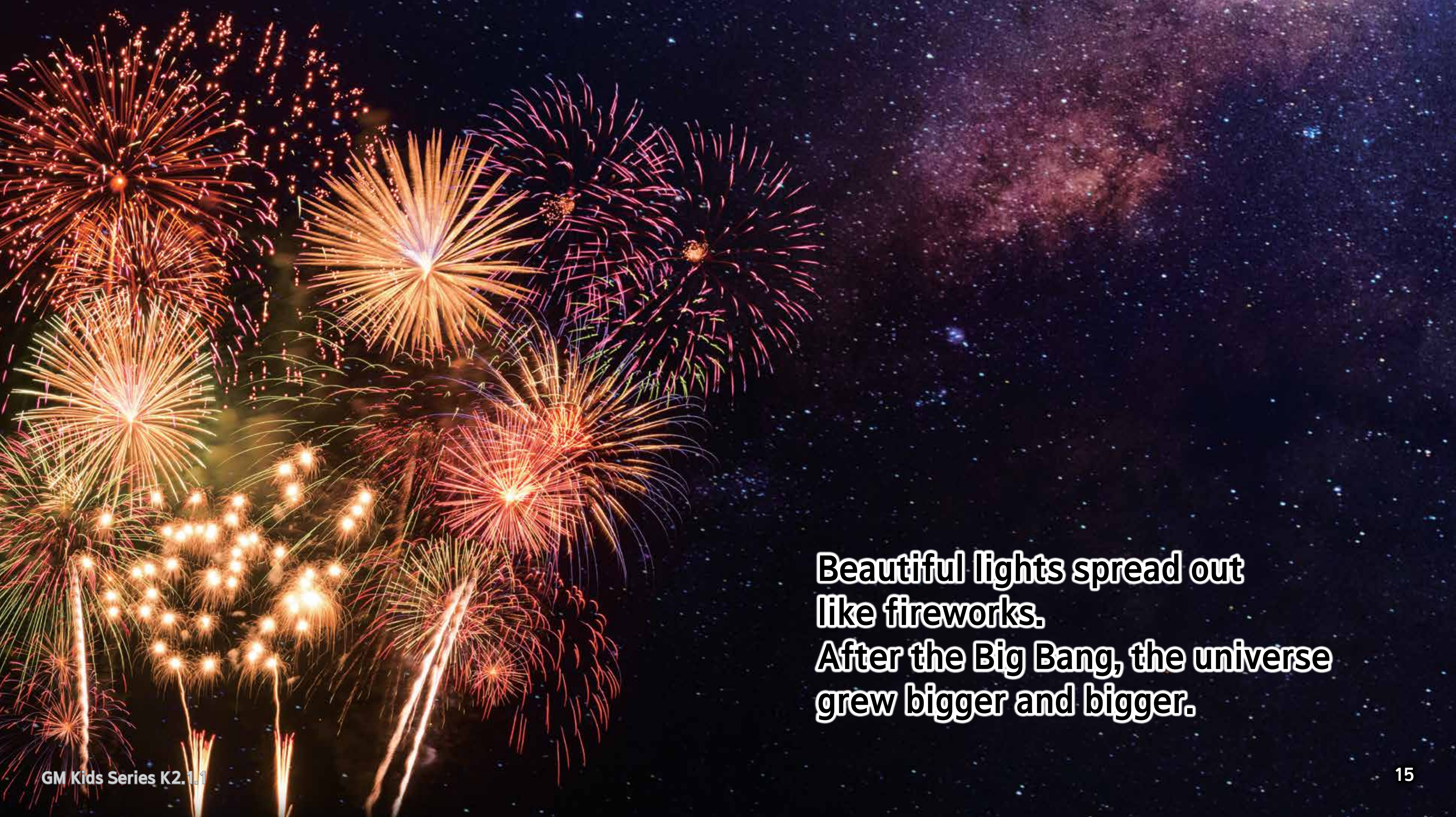
**The universe born from the Big Bang was tiny and hot because all the matter and energy were packed into that tiny dot.**





**Then, over time, the dot grew and became the big universe it is today.**





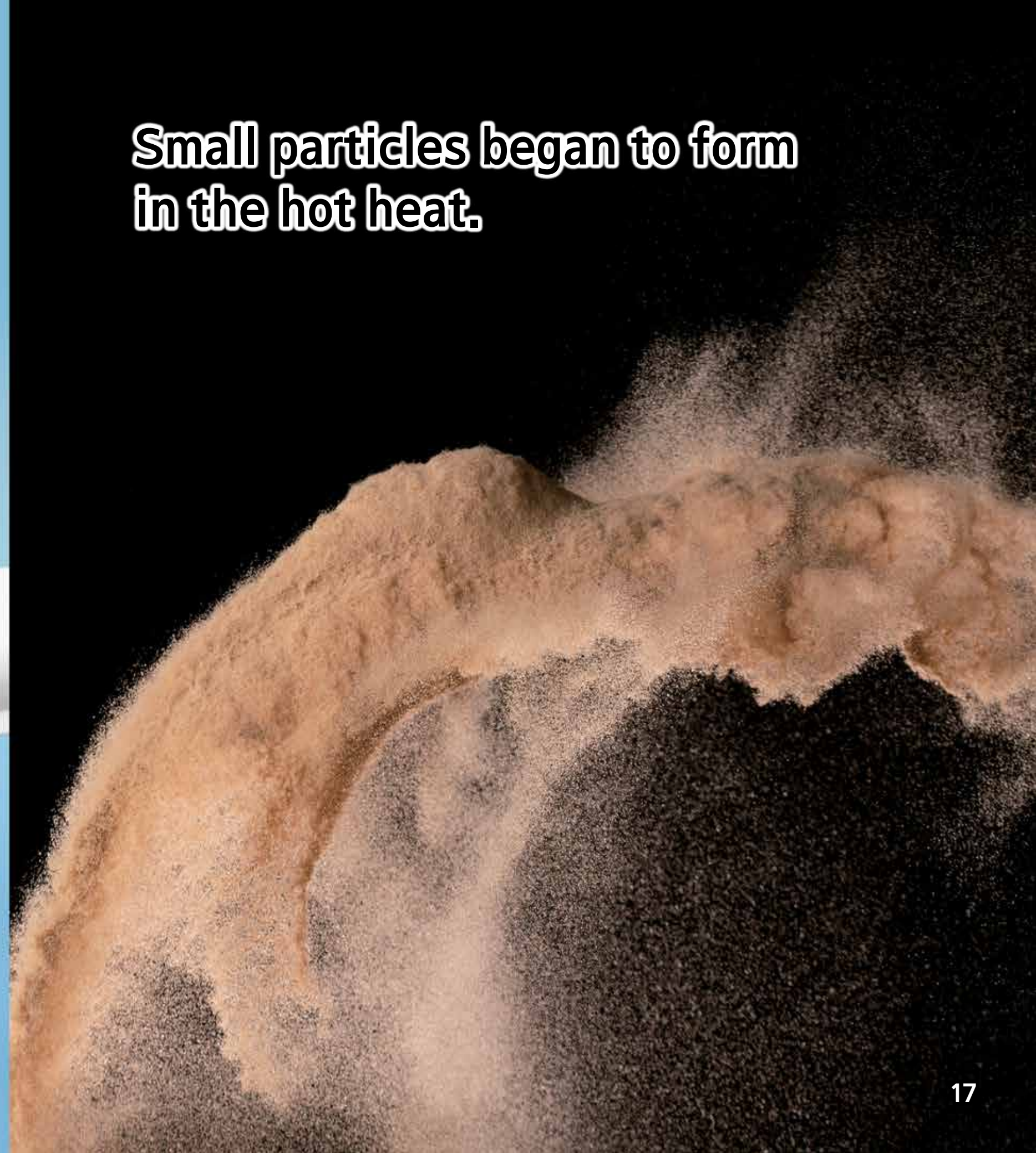
**Beautiful lights spread out  
like fireworks.  
After the Big Bang, the universe  
grew bigger and bigger.**



**It was too hot at first,  
but slowly cooled down over time.**



**Small particles began to form  
in the hot heat.**





**These particles gathered and became the stars and planets we know today.**



**First, small particles combined to form stars.**





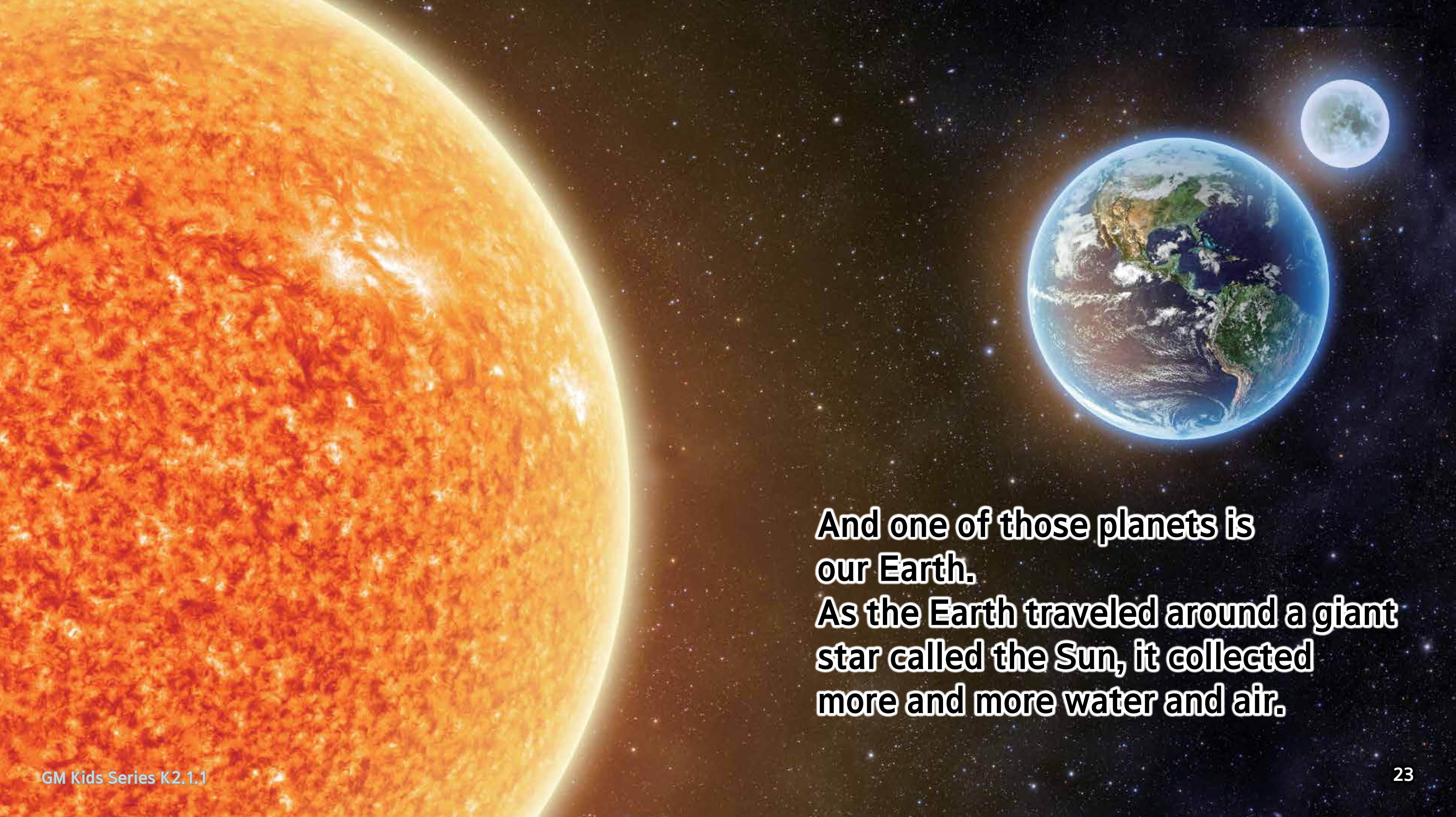
A glowing star-shaped light decoration, likely a Christmas ornament, is the central focus. It is made of a translucent material and is illuminated from within, casting a warm, golden light. The background is dark, with numerous out-of-focus, warm-toned lights creating a bokeh effect, suggesting a festive or celestial theme.

**The stars lit up the universe with their scorching bright lights.**

A close-up shot of a pair of hands, likely belonging to a child, holding a large quantity of small, smooth, rounded pebbles. The pebbles are in shades of grey, blue, and white. The hands are cupped together, and the background is a blurred, natural outdoor setting, possibly a beach or a rocky shore, with soft, natural light.

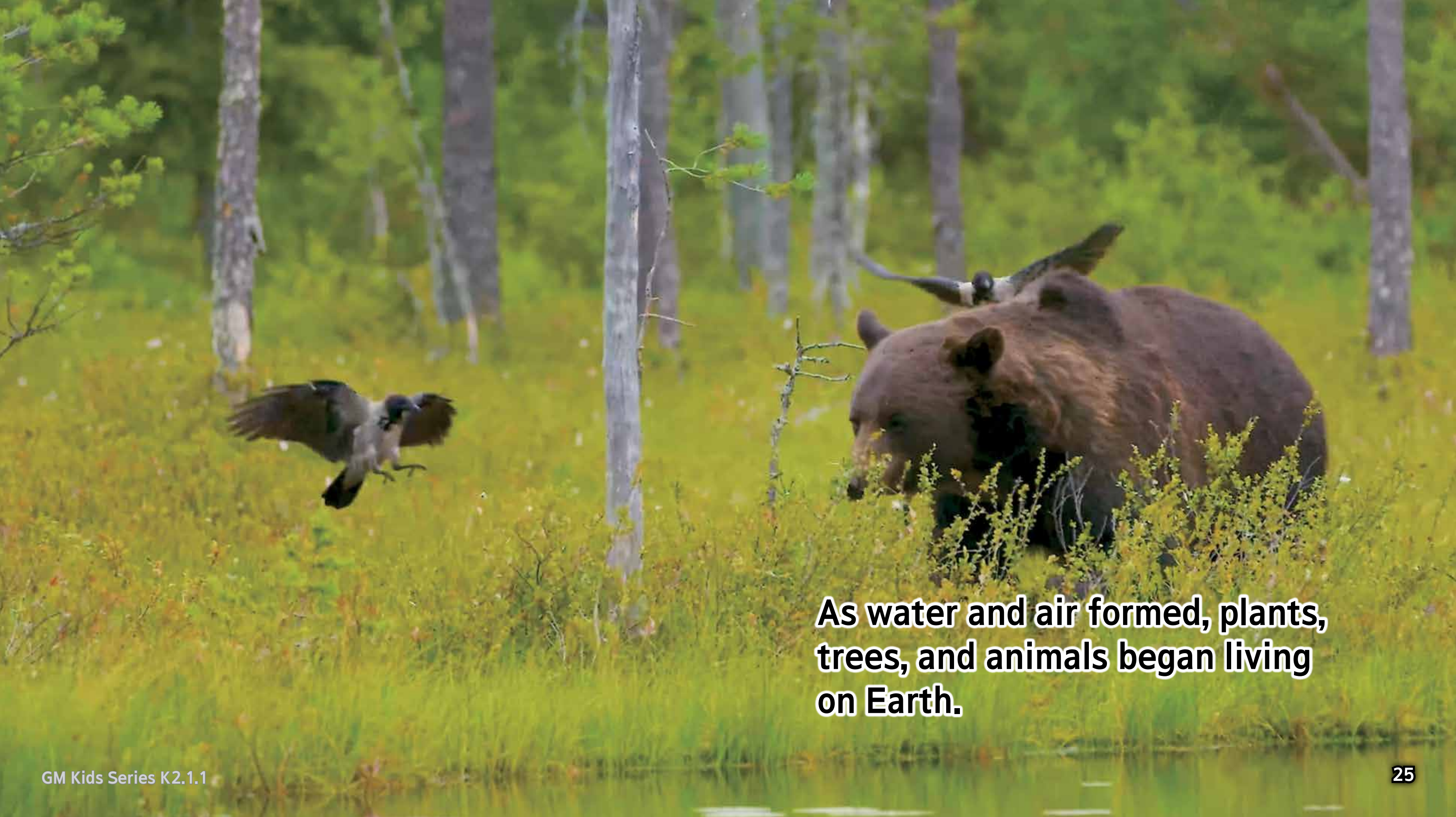
**Then, small rocks gathered around the stars to become planets.**





**And one of those planets is  
our Earth.  
As the Earth traveled around a giant  
star called the Sun, it collected  
more and more water and air.**





**As water and air formed, plants, trees, and animals began living on Earth.**



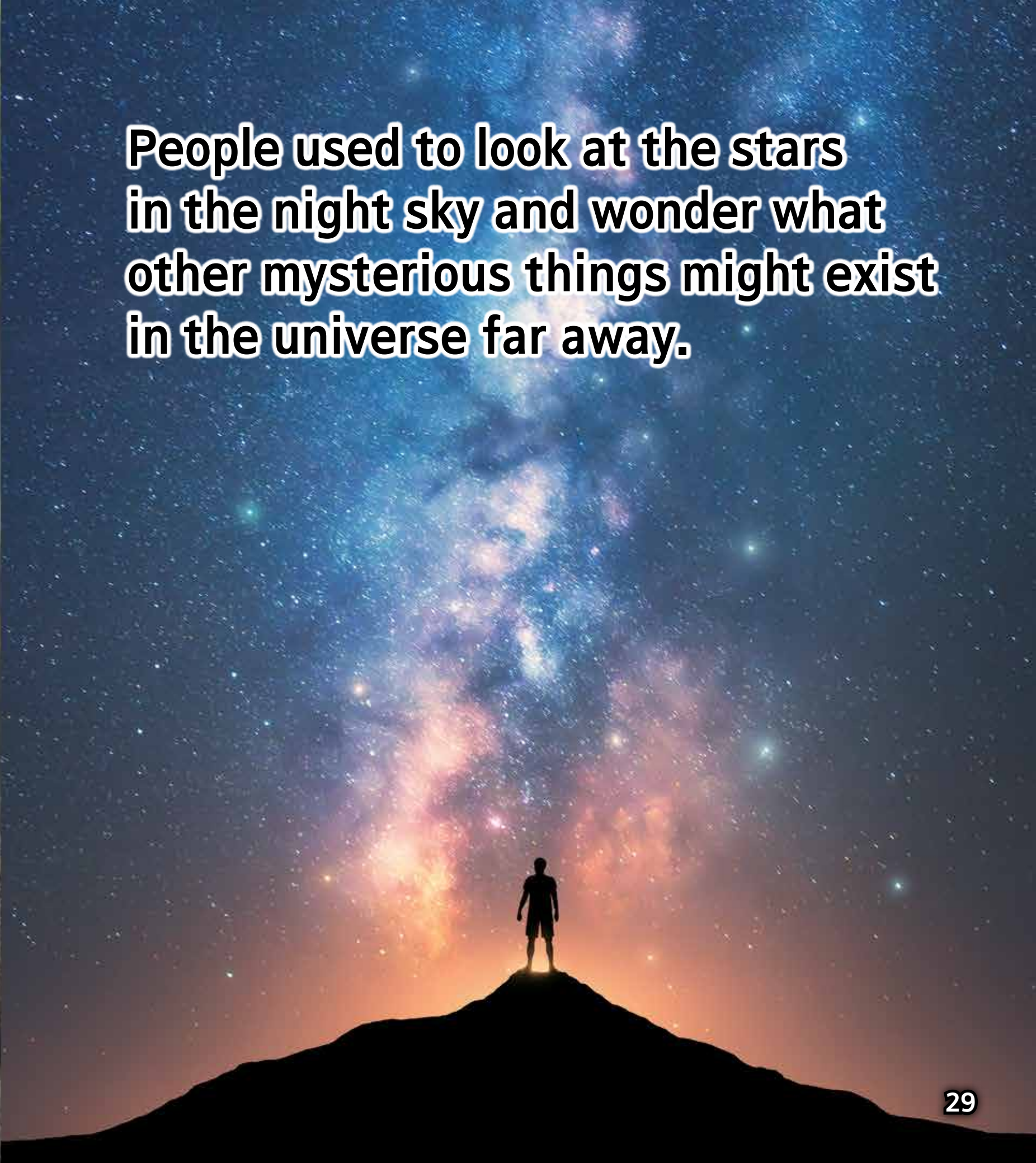


**Various creatures, from tiny fish  
to giant dinosaurs,  
came to live on Earth.**





Over time, humans began to live on Earth as well.

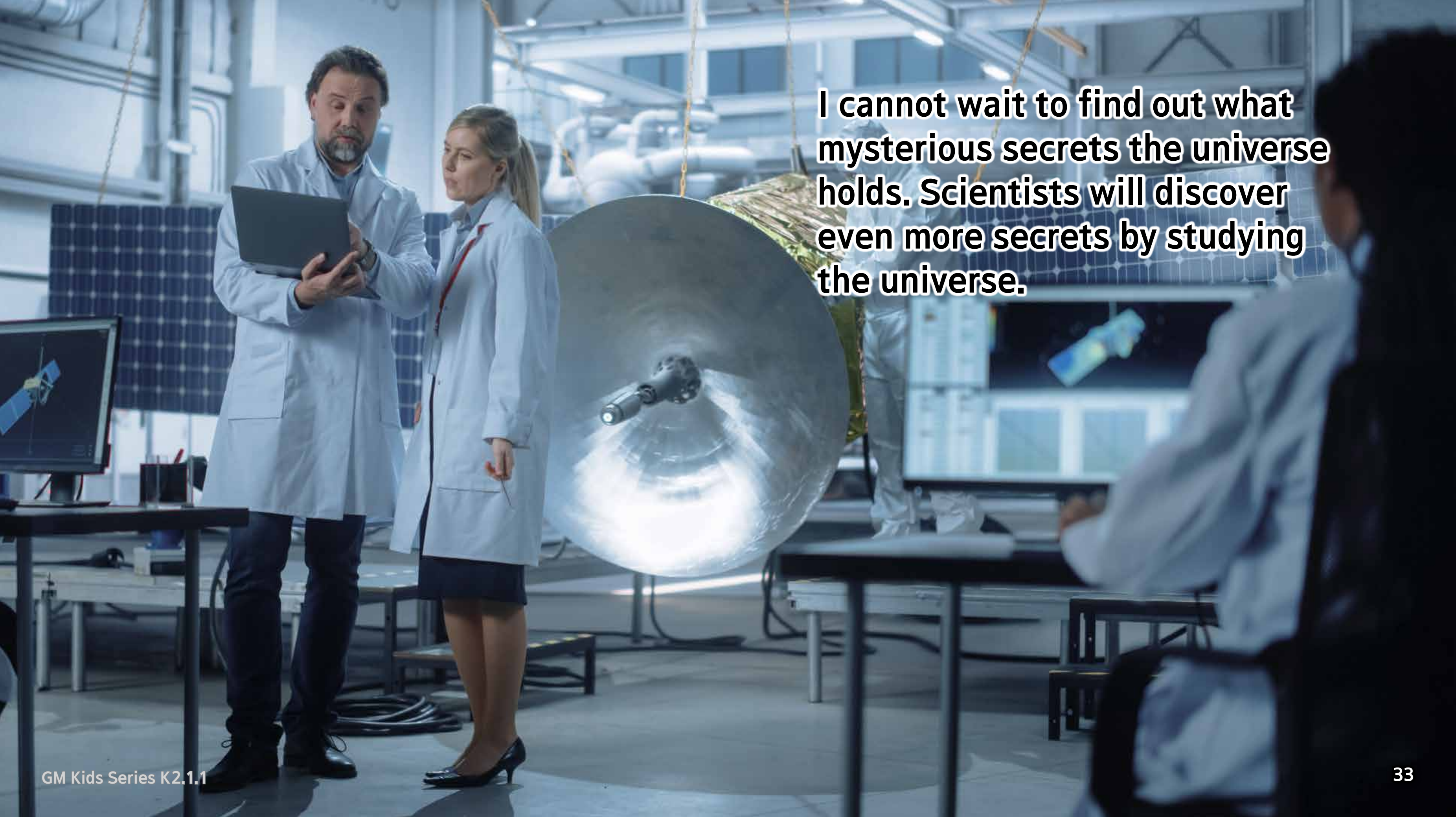


People used to look at the stars in the night sky and wonder what other mysterious things might exist in the universe far away.



The universe has been changing  
for a very long time.  
It is still expanding, with new stars  
forming.





**I cannot wait to find out what mysterious secrets the universe holds. Scientists will discover even more secrets by studying the universe.**



