



# When I Grow Up

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Level 3

When I grow up,  
I will build many things.  
Big and small things.  
Wild and amazing things.

**I will use science  
to build them all.**





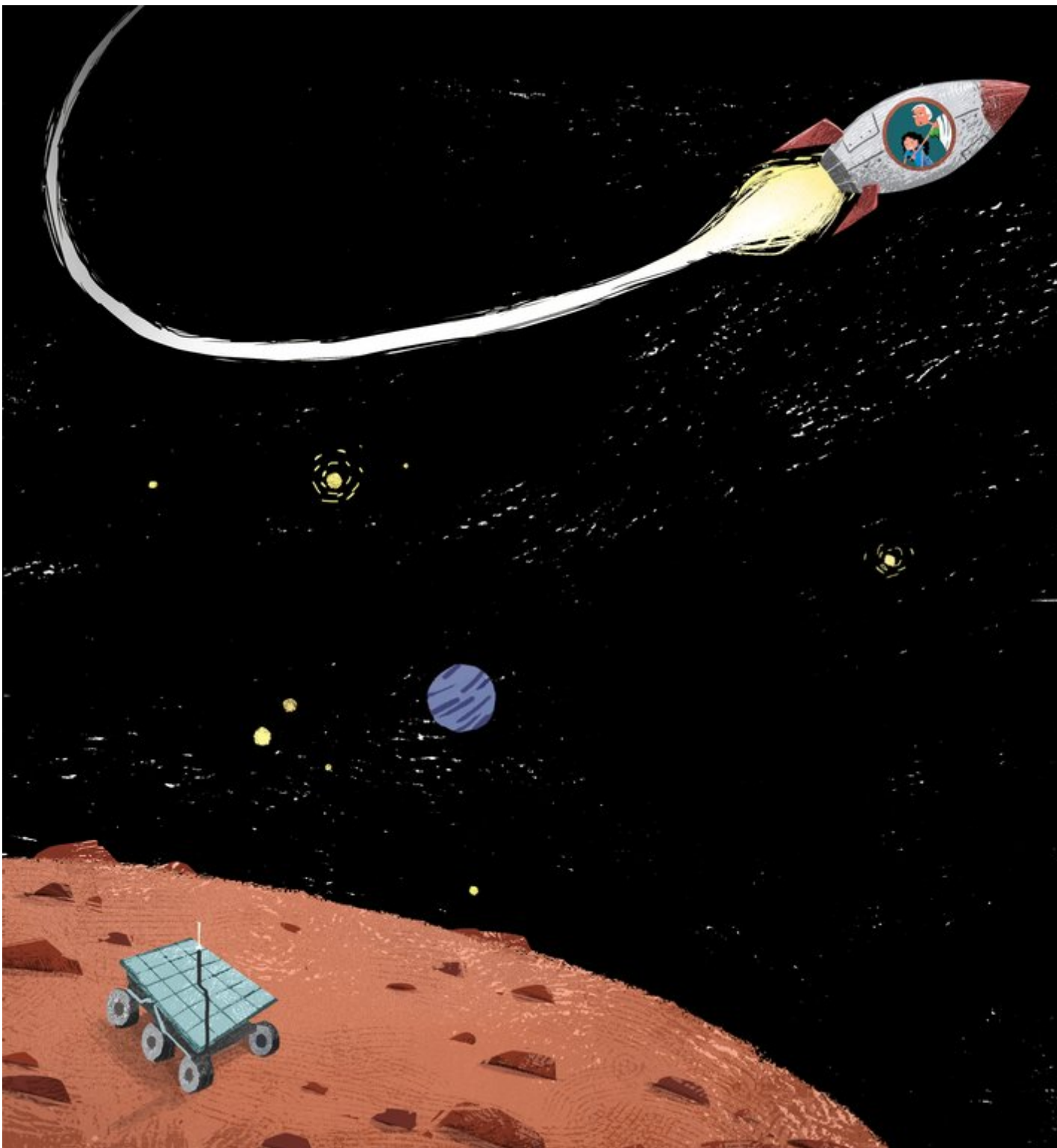






First, I will build a bridge. After that, I will build a very tall tower. And then, I will build the longest road in the world. It will start at my room and go right up to the moon!

When I build these structures,  
**I will be a civil engineer.**



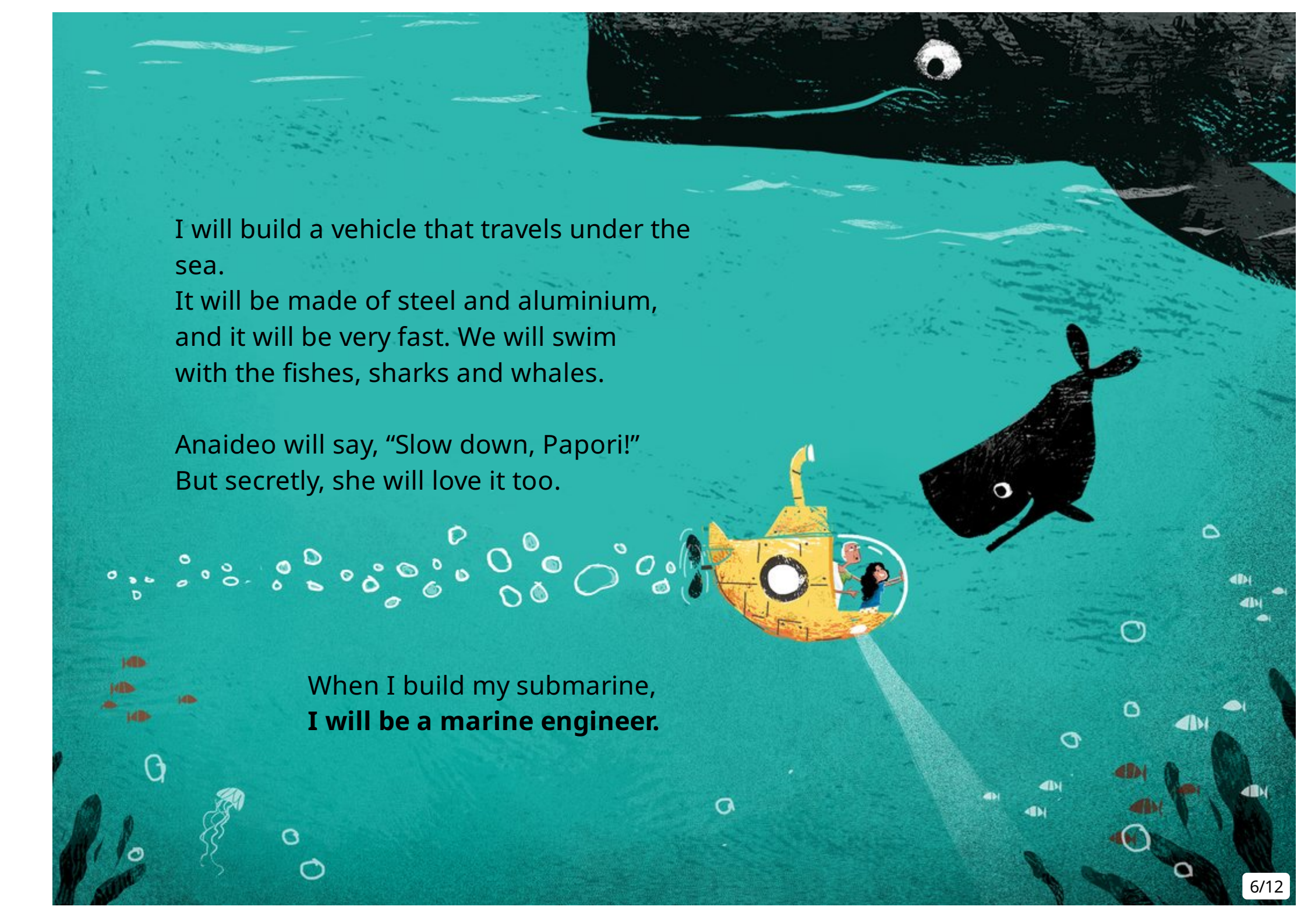
I will build engines too.  
Some engines will be in  
rockets and some will be  
in planes.

The plane will take us from  
country to country and the  
rocket will fly us all the way  
to Mars. My Anaideo\* will  
come with me on all my  
trips!

When I build flying engines,  
**I will be an aerospace  
engineer.**

*\*Anaideo means grandmother  
in Assamese.*





I will build a vehicle that travels under the sea.

It will be made of steel and aluminium, and it will be very fast. We will swim with the fishes, sharks and whales.

Anaideo will say, "Slow down, Papori!" But secretly, she will love it too.


When I build my submarine,  
**I will be a marine engineer.**



But I won't stop at that. I will produce electricity from small particles. One tiny particle will light up our whole village. Anaideo will be so happy that she will throw a big feast!

When I make power like that, **I will be a nuclear engineer.**

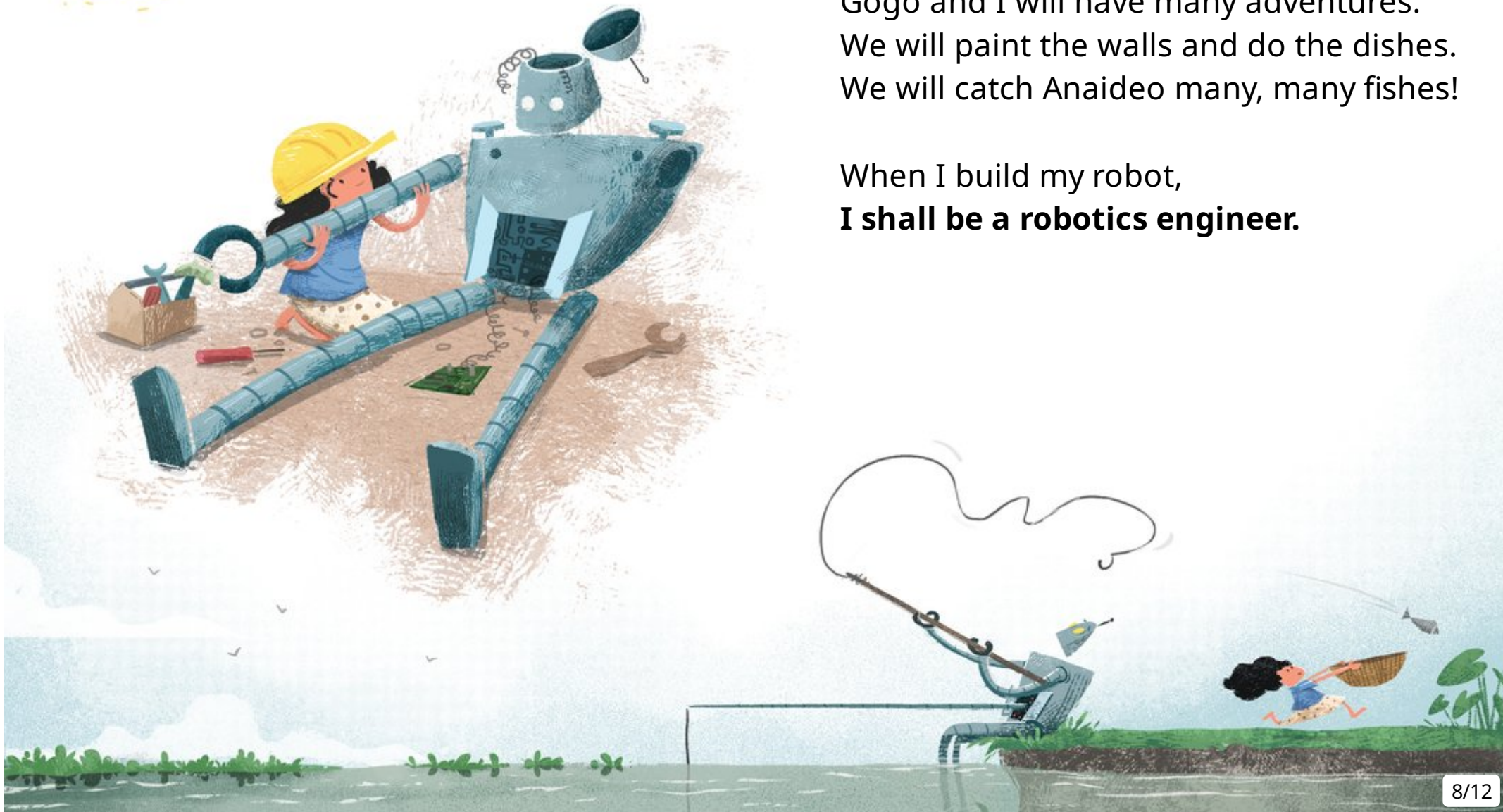




I'm not done yet!  
Next, I will build a robot.  
Her name shall be Gogo.

Gogo and I will have many adventures.  
We will paint the walls and do the dishes.  
We will catch Anaideo many, many fishes!

When I build my robot,  
**I shall be a robotics engineer.**





Gogo and I will build a firewall.  
It will guard computers and the Internet  
from bad guys trying to steal other people's secrets.  
I will be like a superhero! Anaideo will be so proud.



When I protect the Internet,  
**I will be a cybersecurity engineer.**





I will build a machine to  
clean the sea. And another  
to clean the air. The animals  
will be healthy and people  
will breathe easy.

I will save the earth  
with my machines!

When I make machines  
to clean the planet,  
**I will be an environmental  
engineer.**





I will build a new ear for Pempem (she lost it in a fight... grrrr). Then I will build a new set of teeth for Anaideo. Finally, I will build wings for me!

When I build artificial body parts, **I will be a biomedical engineer.**

And I will soar over the world looking for more things to build.



## **Engineers Build Our World**

Engineers make, plan and design the world around us. They build computers, machines, structures and materials that make our lives easier. Who built the television in your home? The cars and buses on the streets? The X-ray machines in the hospitals? They were all planned and built by engineers.



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# When I Grow Up

(English)

I am Papori and I will be an engineer when I grow up. This book is about all the things I will build. It is full of big words, but it is full of big adventures too. Come join me!

This is a Level 3 book for children who are ready to read on their own.



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