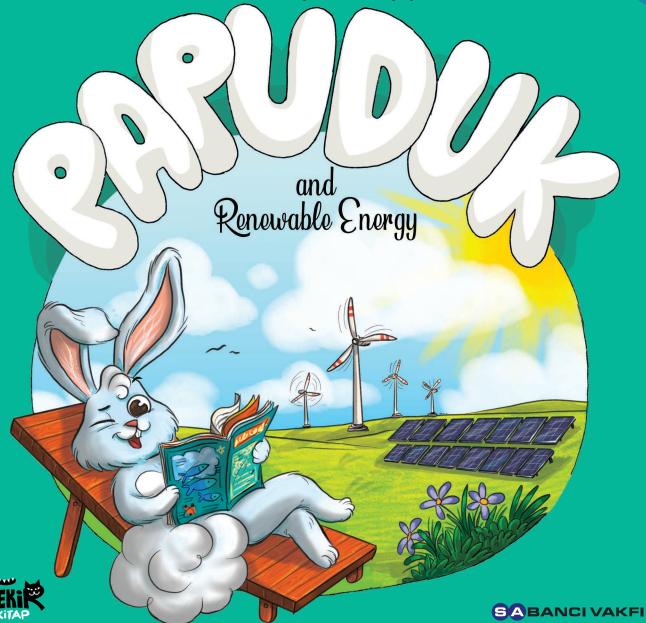
Written by: Tolga Öztorun - Lider Hepgenç

Illustrated by: Ece Zeber Translated by: Sevin Okyay





Wishing that Papuduk, the hero of the fairy tale my precious Great-Grandmother Lady Hayriye Erduran used to tell us children of several generations, will contribute to raising them to posterity with love for animals and environmental consciousness.

Serra Sabancı

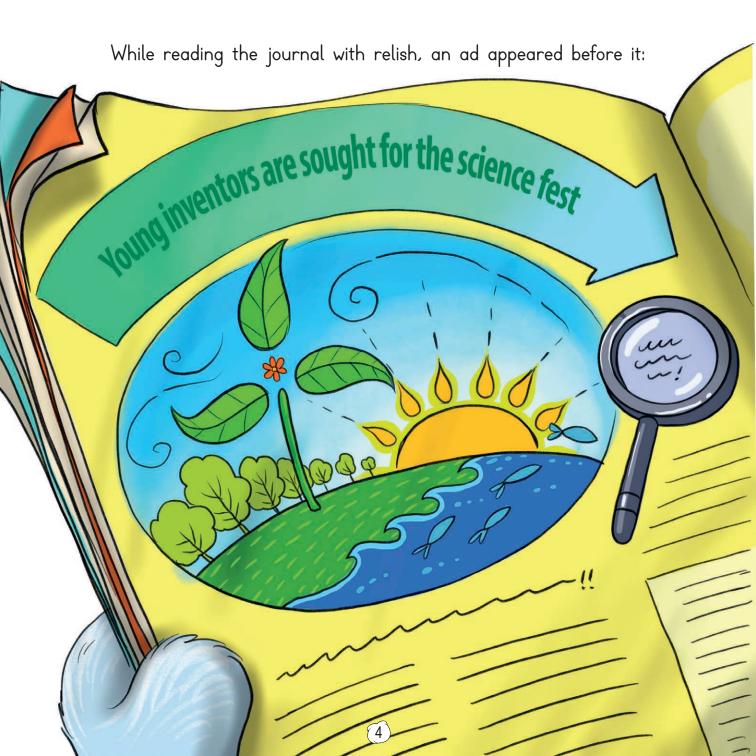
PAPUDUK and RENEWABLE ENERGY

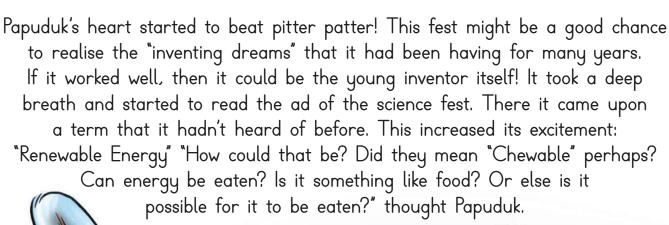


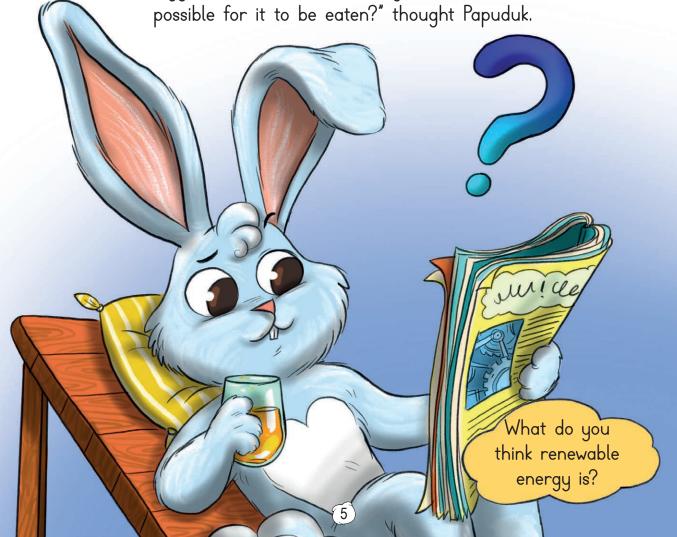


That day Papuduk stopped by the newsstand on the corner while coming home from school. Buying the science journal the new issue of which it was waiting for impatiently, it ran home. First it squeezed an orange juice for itself, then it took its journal with it and settled down to a shadowy place in the garden. While drinking its fruit juice, Papuduk was leafing through its journal at the same time. To read this monthly science journal and to dream of its own inventions was among the things it liked most.



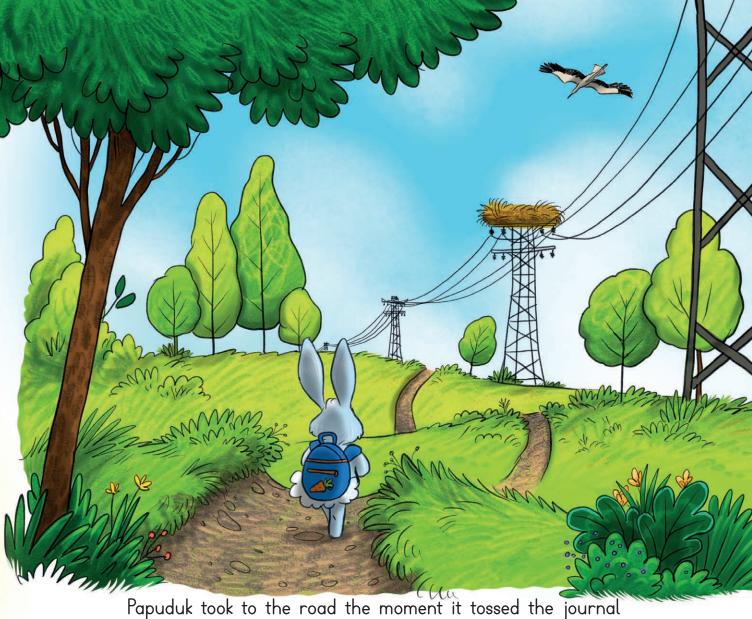






Papuduk's eyes were glued to the ad of the science fest. It couldn't manage to pass over to the next page: In its head only the words "Renewable Energy" kept turning over and over. It went in thoughtfully and showed the ad to its mother. She didn't have any such information either but had an idea on whom to consult:





Papuduk took to the road the moment it tossed the journal in its backpack. Its mother was right, after all, storks were the animals that spent the most energy when flying from continent to continent. It could get the answer to the question it was looking for from the old stork. It spent most of its time in its nest in the woods as it got old.

When Papuduk reached the stork's nest, it called out to it. The stork came down and they greeted each other. Papuduk lost no time asking:

Today I learned something new.
"Rechewable Energy"... No. RENEWABLE energy, but you see,
I even have a hard time telling its name. I'm researching
what this means. I thought I could ask you.



The stork smilingly answered Papuduk:



Papuduk, who got more confused with this enigmatic answer decided to go back home. Apparently, it had to acquire the energy necessary for the invention it was about to make from some "nature-friendly" and "infinite" source.



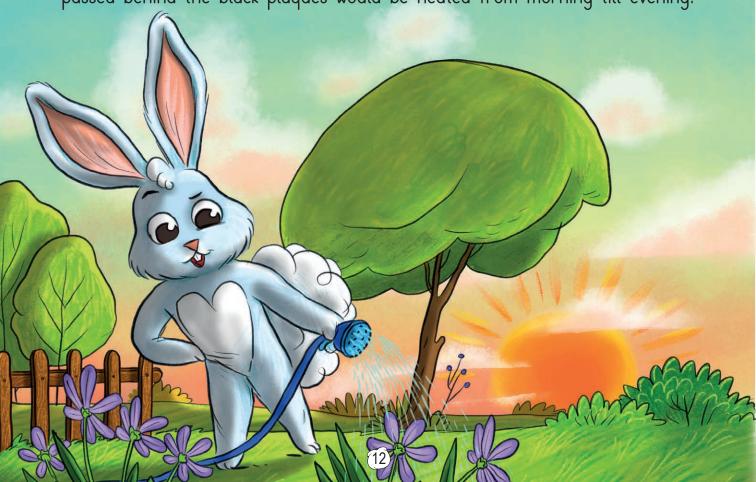
On the road back, Papuduk had already started to generate ideas for its new project. It thought of making a house. The water tank of this house would be right under the roof. It decided to make the roof black in colour. Papuduk remembered reading in the science journal that dark colours attract sun more. The black roof would heat the water used in the house and the household would use hot water without using fuel.

(10)

Papuduk went to the kitchen at once and took the waste packing and started to build a pompous house. It even made tiny curtains from old cloths it got from its mother. The house was finally complete. It was able to finish the job it started towards evening. But it then noticed that the rays of the evening sun were much oblique and did not heat the roof. At that moment

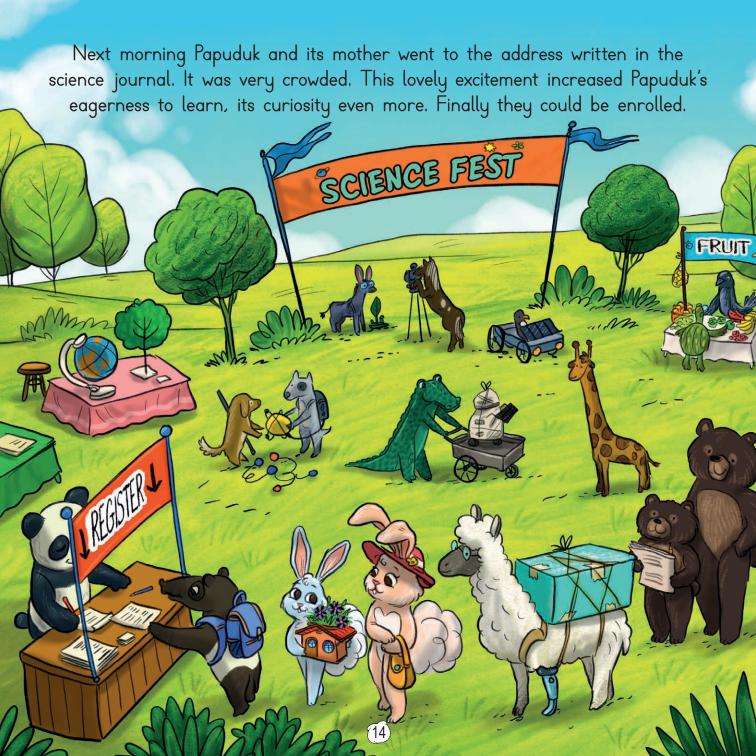


Papuduk drew the hose and started to water the flowers in front of the house. Just then it noticed that the leaves of flowers that looked homeward in the morning, had turned right in the opposite direction in the evening. It understood that the leaves turned through the day and followed the sun. Right at that moment, Papuduk had a terrific idea! Cutting the roof in proper places, it settled on the top of the house a small flowerpot. Then cutting the black cartons on the roof into tiny plaques, it tied them to the leaves of the flower with very thin threads. Now the black plaques always looked at the sun together with the leaves following the sun. And the water in the pipes that passed behind the black plaques would be heated from morning till evening!



Papuduk loved the idea of collecting the sun. It could apply to the competition with this invention.







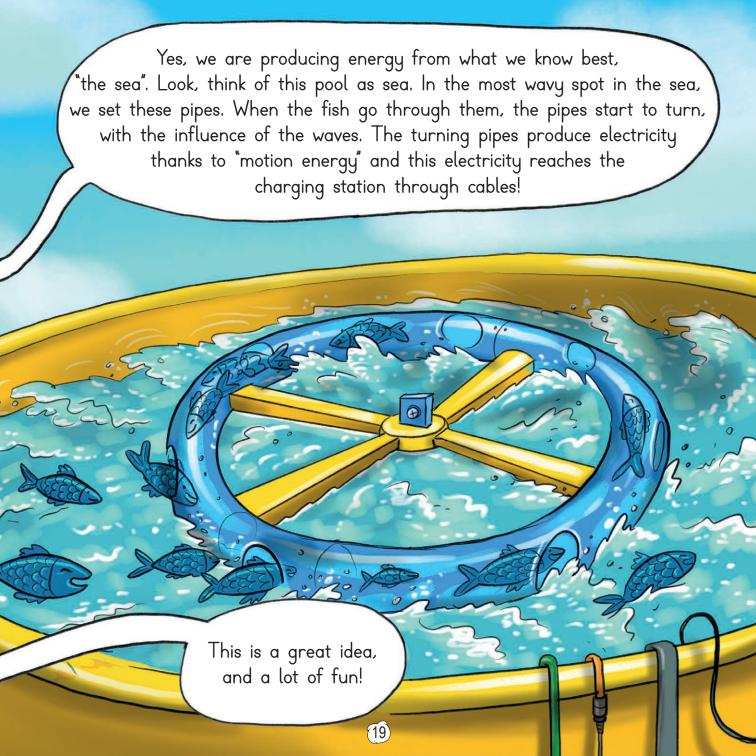


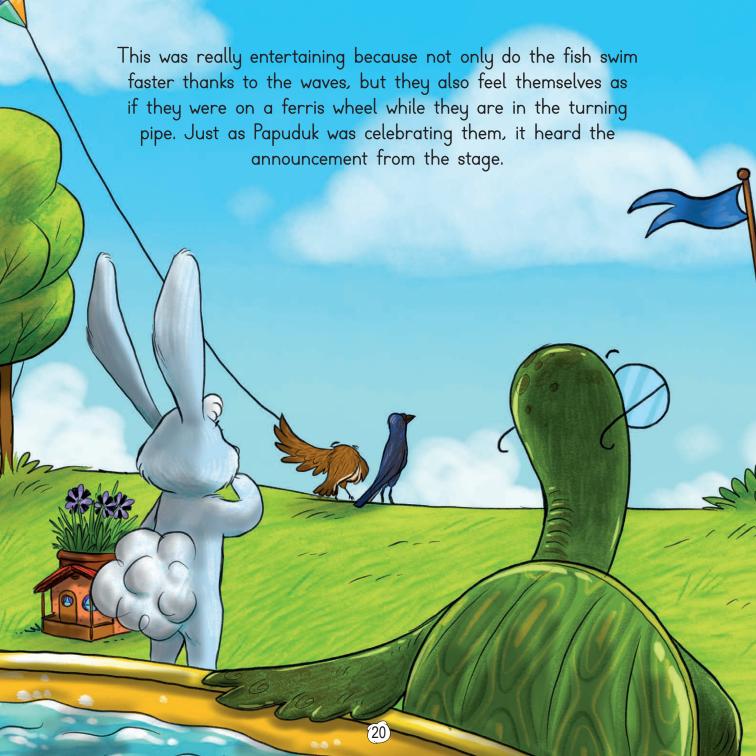


The owl's kite at the end of a very long thread kept drawing "eight"s thanks to the wind up aloft. And thanks to the "motion energy" that it acquired from this motion of the kite, electric was produced. This energy coming from the sky, could collect on the ground and meet all the lighting needs of a house. Papuduk loved this idea of collecting wind. It thought that the award should go to the owl. It celebrated its friend saying that it liked its idea very much. Then, it continued walking around the fest area to examine other inventions.

In the pool set on the stand a little further off, Papuduk saw the joint project of the turtles and fish. Approaching in awe, it asked:









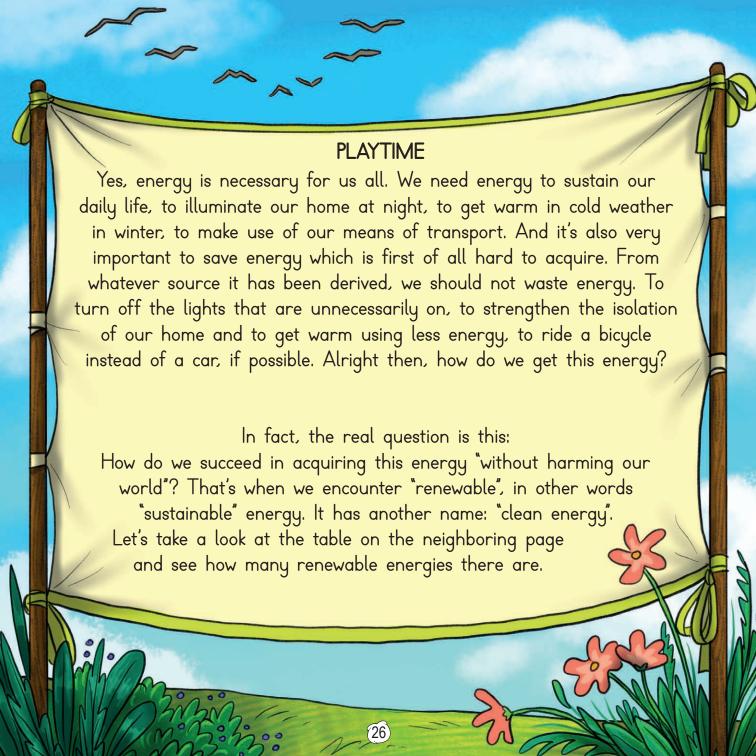


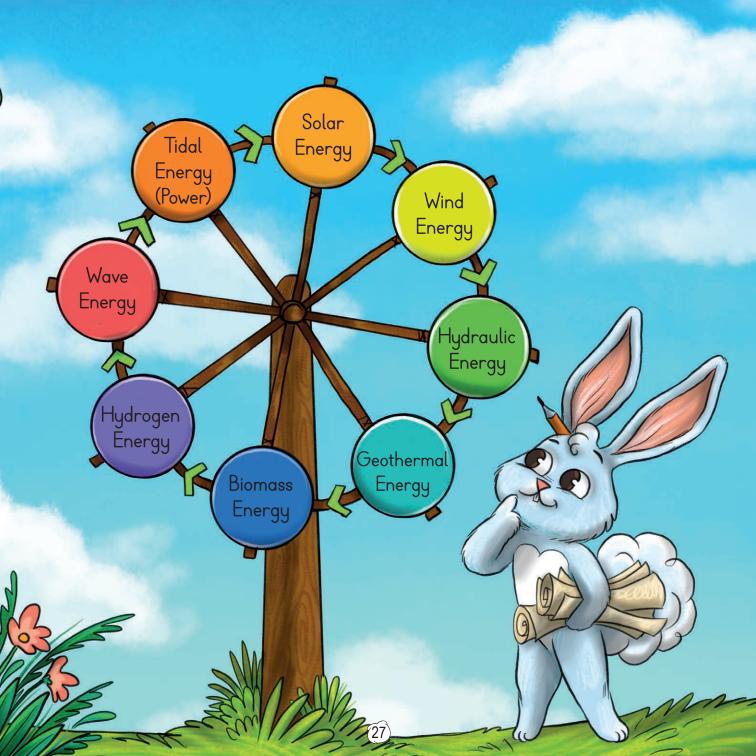


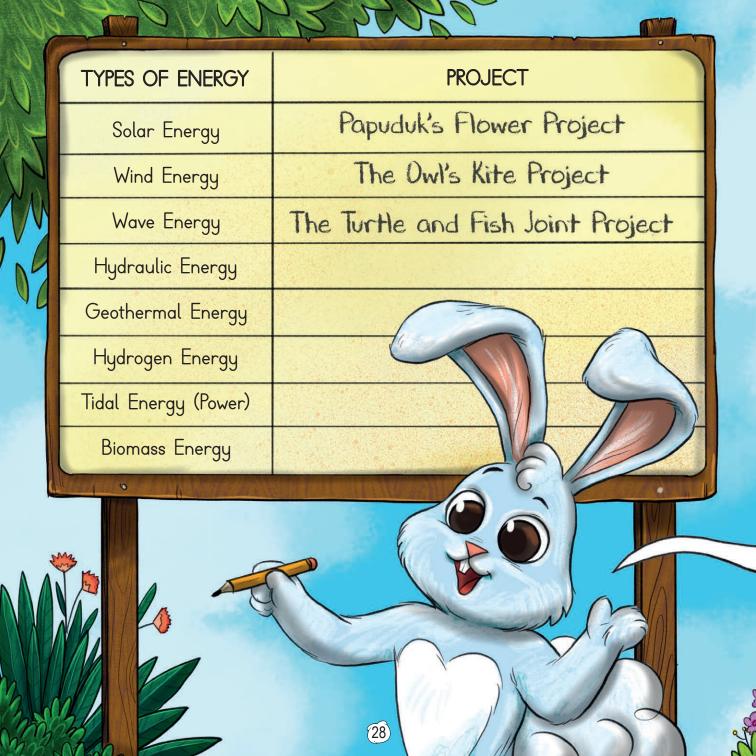
Just at that moment lots of trophies came to the stage in a wheelbarrow. As all the participators looked at each other in awe, the cat went on explaining:











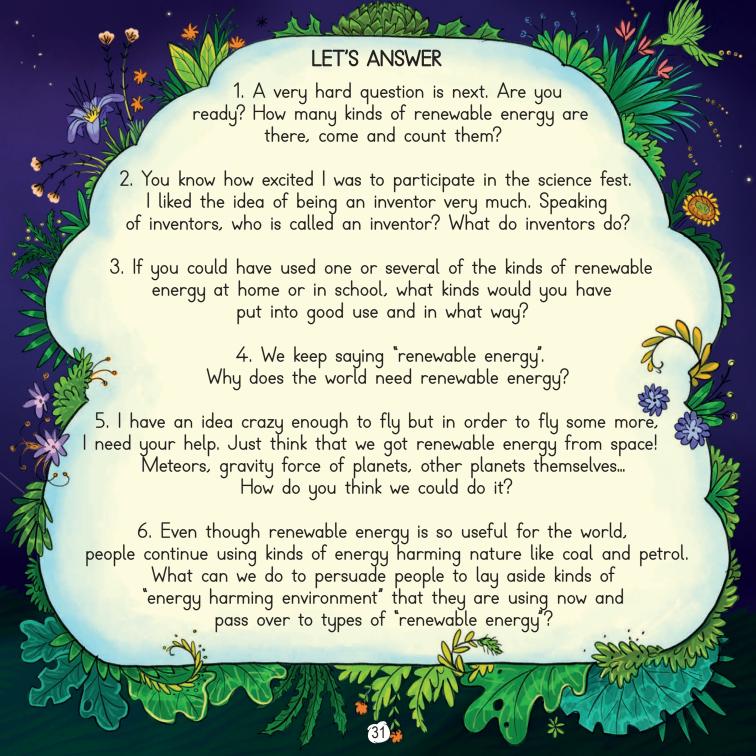
You would remember some projects in the science fest.

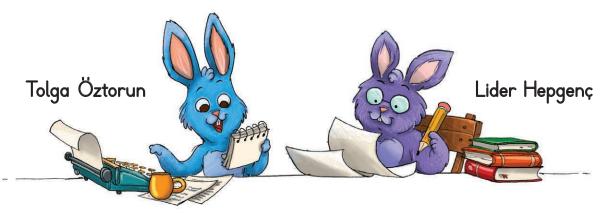
My house with flowers is included in the scope of "solar energy", the owl's kite in the "wind energy" and the joint work of the turtle and the fish in the scope of "wave energy". I've placed these projects in a table for you.

Hey... We couldn't fill the table in the neighboring page, could we? Oh yes, now I remember. My tour of the stands was cut in half by the announcement made. Now how would you like to complete my half-made tour in your imagination? How would you say? Well, first of all you have to make a proper research in the internet. You should learn what the energy sources mentioned above are and how it's done, because you couldn't have an idea about something until you have knowledge about it. After acquiring this information, it's your turn to imagine. I want you to design a separate project for every kind of energy left blank in the table. While doing this you must pay attention to select the right places where you will benefit from the renewable energy sources and not to harm the migratory routes of birds, the woods and the fields. I wish you success in this research, learning and imagining process.









Born in Istanbul in 1977, he graduated from Sakarya University and worked in event companies. He dedicated half of his life to the freedom struggle of stray animals. He shot short films, made radio programs, trained children. He was chosen as Difference Maker by the Sabancı Foundation. He lives in İstanbul and shares his home with a great number of disabled animals.

He was born in Izmir in 1987. While serving as sergeant, he decided to let go of his military career and go ahead with his life as creative drama instructor. Ever since, he has carried on creative drama work with children in museums, bookstores, and schools, also writing children's books. He tries to lead a life full of games with his son Adem, his cats Sütlaç and Sufle.

She was taught how to draw by her mother and father. She was always interested in drawing, also reading books and watching animation films. She studied Art at Balıkesir Fine Arts Highschool and Animation at Anatolia University. Now she works with her husband from home in Eskişehir. She still reads and illustrates children's books and fantasizes.



Papuduk and Renewable Energy

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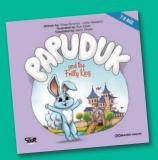


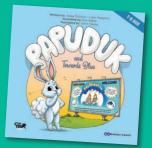


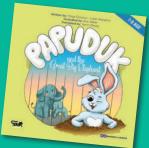
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You will love Papuduk who embarks on a new adventure in each book to dissuade people from acts that harm animals and nature.

