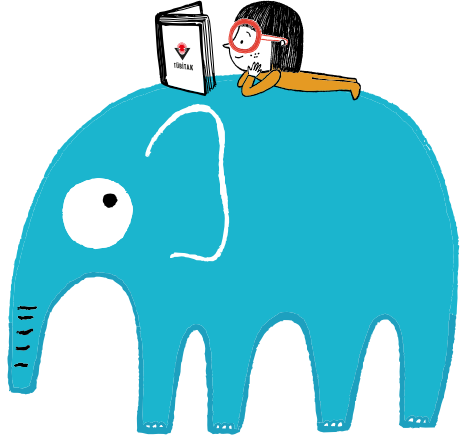


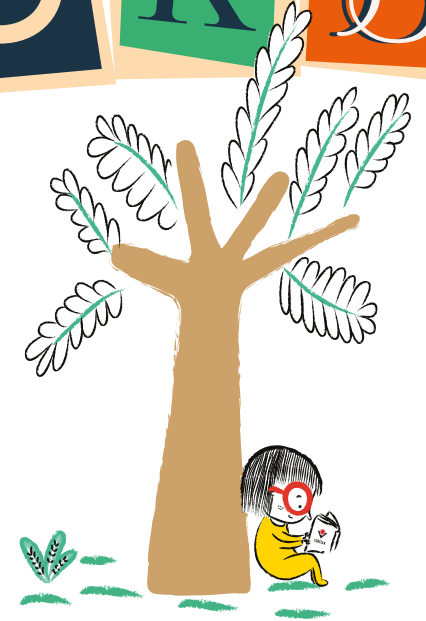


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POPULAR SCIENCE





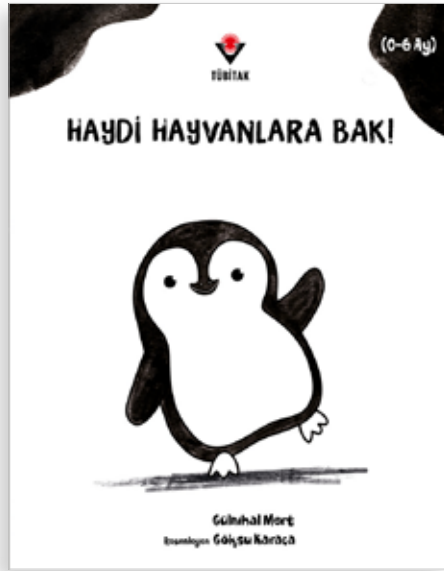
**Preschool, Children's, and
Young Adult Collection**



Let's Look at Numbers!
Haydi Sayılara Bak

Gülnehal Mert
Illustrated by Göksu KARACA

Book Number: 1337
1st Edition Paperback 28,5 x 18 cm
26 pp Ages 0-6 months



Let's Look at Animals!
Haydi Hayvanlara Bak

Gülnehal Mert
Illustrated by Göksu KARACA

Book Number: 1336
1st Edition Paperback 28,5 x 18 cm
26 pp Ages 0-6 months



Let's Look Around!
Haydi Çevrene Bak

Gülnehal Mert
Illustrated by Göksu KARACA

Book Number: 1338
1st Edition Paperback 28,5 x 18 cm
26 pp Ages 0-6 months



Let's Look at Shapes!
Haydi Şekillere Bak

Gülnehal Mert
Illustrated by Göksu KARACA

Book Number: 1339
1st Edition Paperback 28,5 x 18 cm
26 pp Ages 0-6 months



The number and quality of the words your baby hears from birth can have an important impact on their cognitive development. Reading and talking with your baby from the very beginning can support your baby's language skills and ability to learn.

From birth, you can use this book to support your baby's sensory and cognitive development, talk with them, introduce new concepts and enjoy special time together.



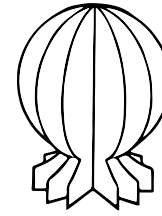
What Comes from an Apple? Bir Elmadan Neler Doğar?

Fatma Başar
Illustrated by Hatice Furuncı

Book Number: 1362
1st Edition
Paperback 13.2 x 32 cm
13 pp
Age 2 +

Plop! A tiny seed landed in the soil. What happened next? Oh, you'd be surprised!

What Comes from an Apple? is a playful journey of an apple seed.



It grew and grew,
so tall, so wide,

Where children laughed
and swung with pride.



To markets and stores, their sweetness
spread, A tasty treat on which we fed.

Into our kitchens, into our pies,
A burst of flavor, a sweet surprise!



Sensory Development Flashcards for Babies (0–6 Months)

Bebekler için Duyusal Gelişim Kartları (0-6 Ay)

Gülnihal Mert
Illustrated by Göksu Karaca

Book Number: 1335
1st Edition
Box 12,8 x 16,8 cm
51 pp
Ages 0–6 months

- Improves tracking and focus
- Increases attention span
- Supports tummy time and motor skills



Sunflowers Watch the Sunlight Show

Ayçiçeği Güneşe Bakar

Fatma Başar
Illustrated by Hatice Furunci

Book Number: 1365
1st Edition
Paperback 13.2 x 32 cm
13 pp
Age 2 +

On the hill, a yellow flower grew,
It peeked out bright, as flowers do.

Its name is Sunflower, golden and fun,
Each morning it turns to greet the sun.



One by one, the seeds
Lifted their heads from the soil.

First came two leaves, then two more.
Two again sprouted, then more to explore.
The sunflower grew up to the sky,
Its leaves kept on dancing as days drifted by.



The flower filled with seeds inside.

And bees on every bloom would glide.

Pomegranate's Brightest Glow

Ne Güzelsin Nar

Fatma Başar
Illustrated by Hatice Furunci

Book Number: 1368
1st Edition
Paperback 13.2 x 32 cm
13 pp
Age 2 +

The story began with a lovely riddle,
Inside the pomegranate were seeds so little.
What a miracle!



Let pomegranate juice fill every glass,
A blessing for all who drink as
moments pass.

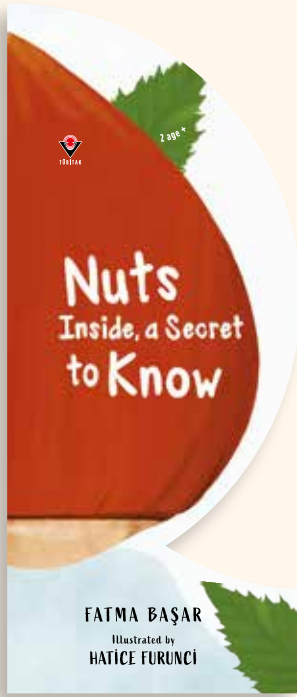
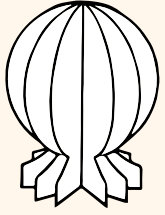
Sour ones, like lemons, turn to
syrup so bright,
Set on our table, it's a ruby delight.

It's pomegranate, full of seeds.

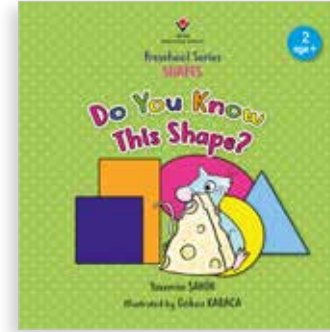
These seeds are
very sweet.



Other Books in The Series



Preschool Series

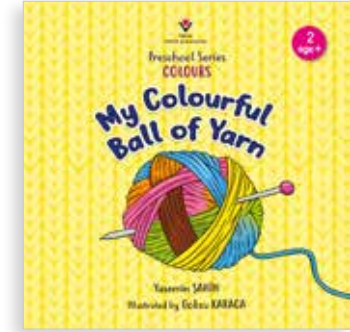


Shapes / Do You Know This Shape? Şekiller / Bu Şekli Tanıyor musun?

Yasemin Şahin
Illustrated by Göksu KARACA

Book Number: 1351
1st Edition Hardcover 24 x 24 cm
24 pp Age 2 +

This book will allow children to have fun while learning shapes in preschool stage and make new discoveries through various activities.

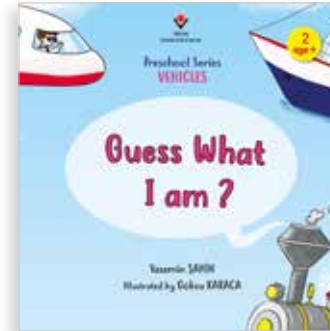


Colours / My Colourful Rope Renkler / Benim Renkli Yumağım

Yasemin Şahin
Illustrated by Göksu KARACA

Book Number: 1352
1st Edition Hardcover 24 x 24 cm
24 pp Age 2 +

This book will allow children to have fun while learning colours in preschool stage and make new discoveries with various activities.

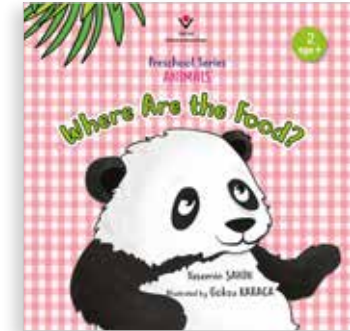


Vehicles / Guess What Am I? Taşıtlar / Bil Bakalım Ben Neyim?

Yasemin Şahin
Illustrated by Göksu KARACA

Book Number: 1353
1st Edition Hardcover 24 x 24 cm
24 pp Age 2 +

This book will allow children to have fun while learning about vehicles in preschool stage and make new discoveries through various activities.



Animals / Where Is the Food? Hayvanlar / Nerede Bu Yiyecekler?

Yasemin Şahin
Illustrated by Göksu KARACA

Book Number: 1350
1st Edition Hardcover 24 x 24 cm
24 pp Age 2 +

This book will allow children to have fun while learning about animals at the preschool stage and make new discoveries through various activities.







Pilot Kaan Pilot Kaan

Yasemin ŞAHİN
Illustrated by İrma Z. ÇETİNKAYA

Book Number: 1330
1st Edition
Hardcover 24 x 27,5 cm
40 pp
Age 5 +

Kaan loves watching the sky and the birds flying freely above. He wonders how much fun it must be to soar among the clouds. Kaan also loves airplanes and dreams of becoming a pilot one day. He works hard to make his dream — and the dreams of his animal friends — come true. Come along and join Kaan on his joyful and exciting adventures high up in the sky!



Flying Hat Uçan Şapka

Bengisu Özdemir
Illustrated by Merve Seda Dağ

Book Number: 1333
1st Edition
Hardcover 23.2 x 25 cm
48 pp
Age 5 +

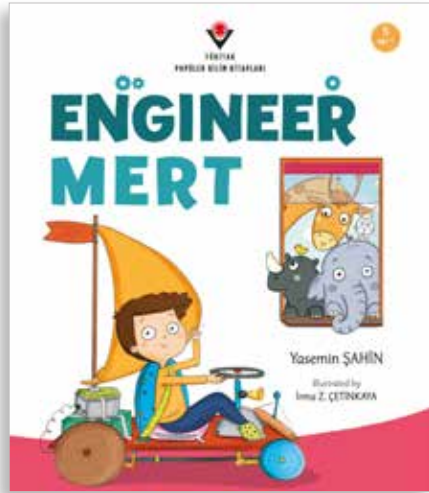
Ali's holiday is full of fun!

Well... except for the never-ending wind, the giant waves of the sea, and his hat that keeps flying away.

Wouldn't it be nice if the wind just took a break for a few days?

Come, join Ali to experience a day of wild winds and still weather, and learn just how vital the wind is.





Engineer Mert

Mühendis Mert

Yasemin ŞAHİN

Illustrated by İrma Z. ÇETİNKAYA

Book Number: 1347

1st Edition

Hardcover 24 x 27,5 cm

40 pp

Age 5 +

Mert loves making new designs out of old objects and coming up with different solutions. Most of all, making his animal friends' dreams come true makes him happy. Let's discover Mert's interesting designs together.



Astronaut Sema

Astronot Sema

Yasemin Şahin

Illustrated by İrma Z. Çetinkaya

Book Number: 1346

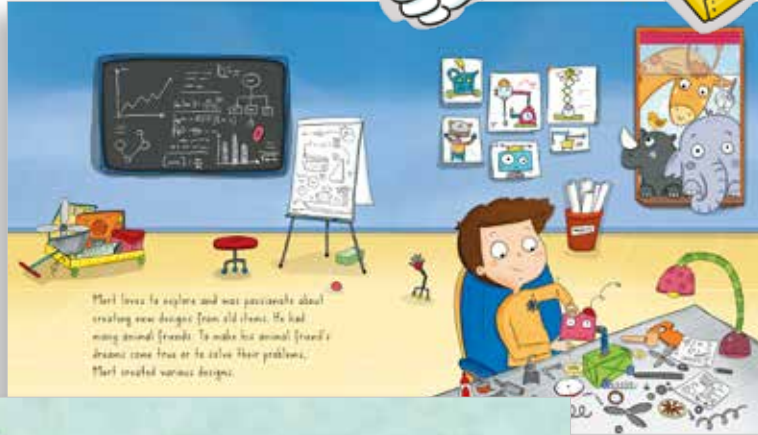
1st Edition

Hardcover 24 x 27,5 cm

48 pp

Age 5 +

Sema is a very curious child who wants to explore space. She often travels to space in her dreams. This book features a new space journey that Sema will take with her animal friends. Come and join Sema and her friends on their exciting space adventure!



Mert loves to explore and was passionate about creating new designs from old items. He had many animal friends. To make his animal friends' dreams come true or to solve their problems, Mert created various designs.



A discovery tool for
Bird Cık Cık to explore fish.



Sema loved everything about space-stars, planets, galaxies, and more! But she didn't just love them; she also researched, learned, and shared everything she discovered with her friends. That's why she was always dreaming about space and imagining herself as an astronaut one day.

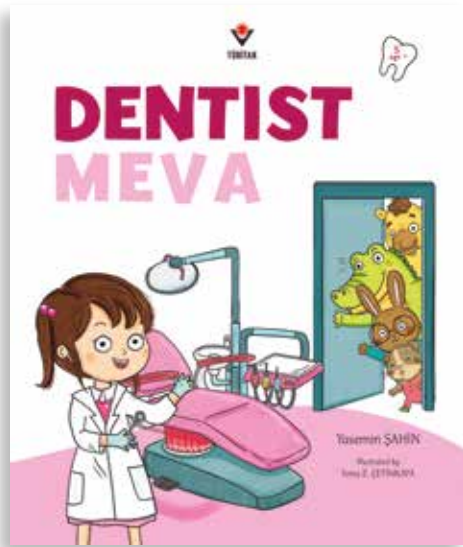
That night, just like every other night, Sema lay on the swing in her garden, gazing at the stars. As she dreamed about space, she suddenly thought, "What am I waiting for?"



The astronaut candidates who passed the first tests started a long training journey, which lasted for months.

They trained in a zero-gravity environment to get used to space.





Dentist Meva

Diş Hekimi Meva

Yasemin ŞAHİN

Illustrated by İrma Z. ÇETİNKAYA

Book Number: 1268

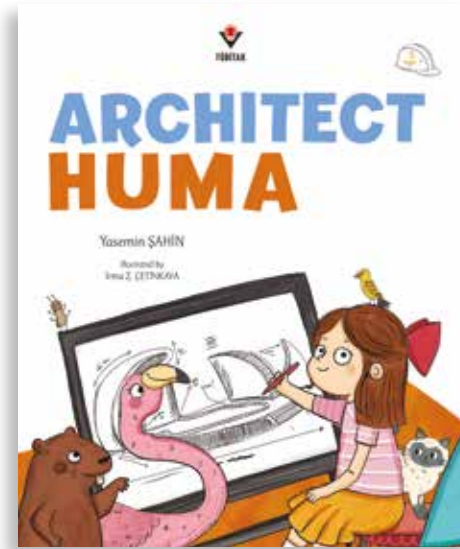
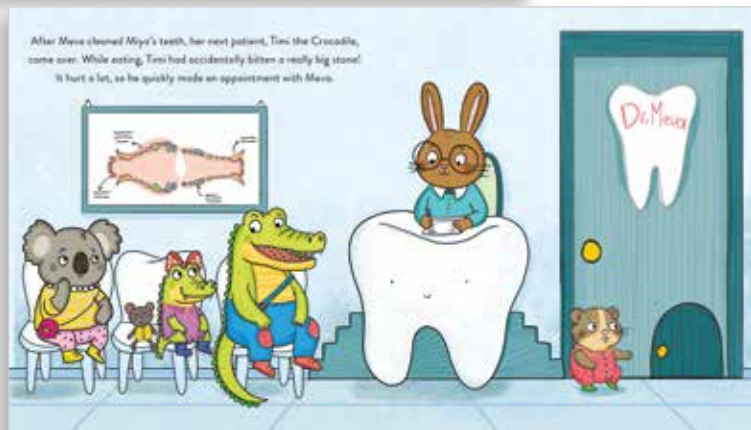
1st Edition

Hardcover 24 x 27.5 cm

48 pp

Age 5 +

Meva loves to smile and make her imaginary friends laugh. But she also takes great care to keep her teeth healthy and bright when she smiles. Now it's your turn! Who knows, maybe one day you'll become a dentist and help people have healthy, sparkling smiles.



Architect Hüma

Mimar Hüma

Yasemin ŞAHİN

Illustrated by İrma Z. ÇETİNKAYA

Book Number: 1269

1st Edition

Hardcover 24 x 27.5 cm

48 pp

Age 5 +

Huma helps her animal friends and designs structures that make their dreams come true. Now it's your turn! Who knows, maybe one day you'll become an architect and make dreams come true too...





The Path To My Star Yıldızıma Giden Yol

Fatih Danacı
Illustrated by Efcan Sezer

Book Number: 1345
1st Edition
Hardcover 24 x 24 cm
44 pp
Age 5 +

Karan wants to go to his favorite star, the North Star.
He reaches out, but it doesn't work.
He jumps, but it doesn't work either.
Luckily, he knows someone who can help him.
His uncle!
With contributions from Astronaut Alper GEZERAVCI...
A story that begins on Earth and ends in space...



This Pole is Not That Pole! O Kutup Bu Kutup Değil!

Şermin Korkusuz Aslan
Illustrated by Selen Cebeci

Book Number: 1245
1st Edition
Hardcover 24 x 24 cm
40 pp
Age 5 +

Pigi is a famous emperor penguin.
Fans around the world have a request for him.
But it's impossible for Pigi to do it!
But why?
The answer is in this book.

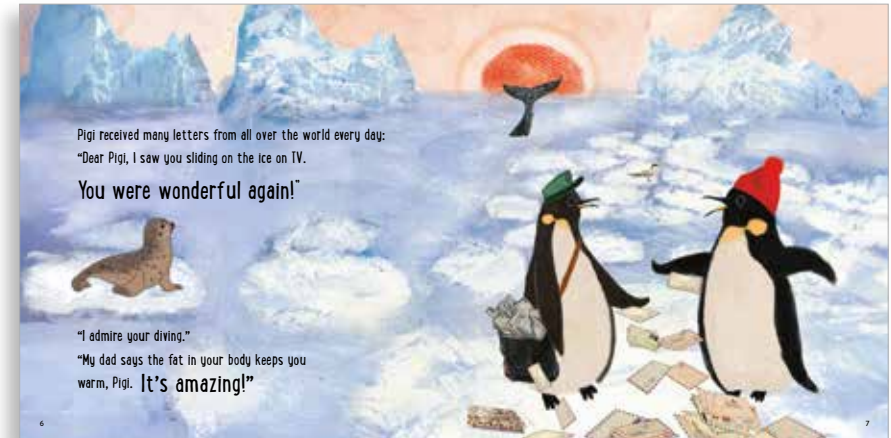
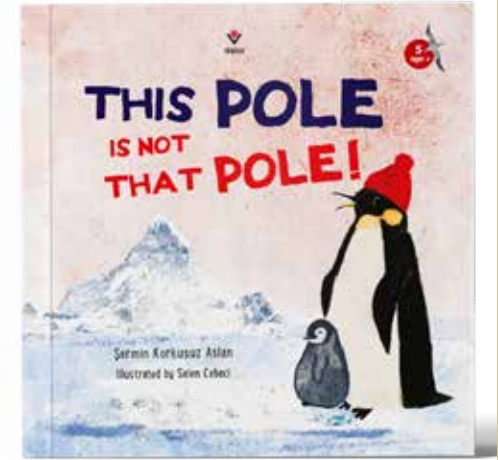




Fig Tree İncir Ağacı

Bengisu Özdemir
Illustrated by Özlem Kirtay

Book Number: 1334
1st Edition
Hardcover 20 x 25 cm
48 pp
Age 7 +

Every year on her birthday, Bahar plants a sapling with her father. Watching the trees grow and flourish alongside her fills her with happiness. This year, she wants to grow her mother's favorite fruit: figs!

But can a fig tree grow where they live? Instead of giving up on her dream, Bahar decides to try different places and different ways. Sometimes she feels hopeful, sometimes disappointed — but she never gives up.

The Fig Tree is a heartwarming story about the rules of nature, the beauty of patience, and how dreams sometimes come true in unexpected ways.



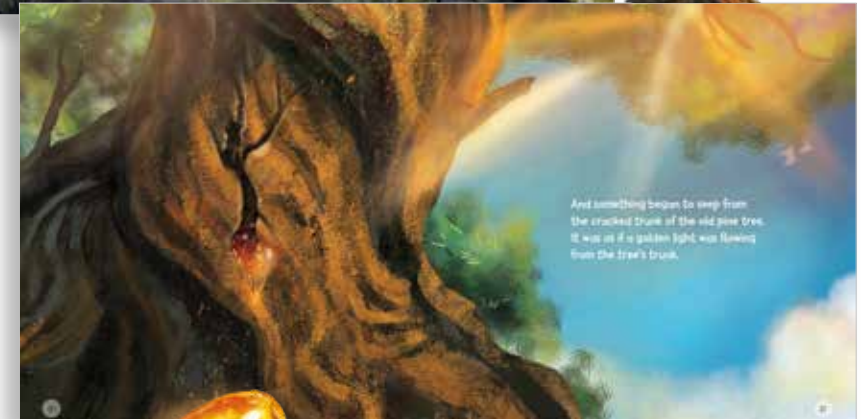
Resin Reçine

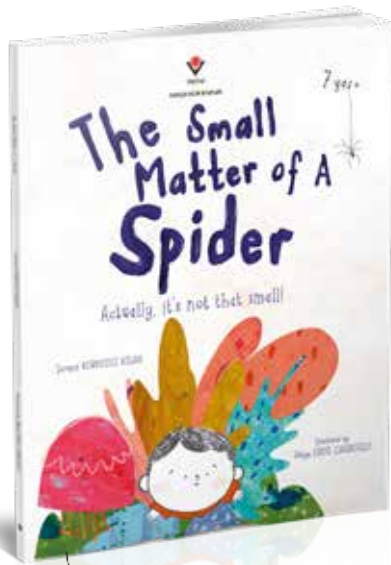
Bengisu Özdemir
Illustrated by Tuğçe Karaburçak

Book Number: 1340
1st Edition
Hardcover 22 x 22 cm
48 pp
Age 5 +

One day, a powerful wind blows through a quiet forest. An old pine tree is wounded. But nature always finds a way to heal itself. A golden drop begins to flow from the tree's trunk. This tiny drop sets out on a journey that will last for years. Along the way, it learns patience, strength, and transformation.

Resin is a compelling story that reveals the healing power of nature, the value of waiting patiently, and how the most difficult moments can sometimes lead to the most brilliant transformations.





A Small Matter of Spider

Actually, it's not that small!

Küçük Bir Örümcek Meselesi
Aslında o kadar da küçük değil!

Şermin Korkusuz Aslan
Illustrated by Hülya Erdil Çakıroğlu

Book Number: 1369
1st Edition
Hardcover 19 x 24 cm
48 pp
Age 7+

The day that Efe and his friends have been waiting for weeks has come. They are going to camp in the garden! Just one thing can ruin their day: A Spider. Oh, no! Is this a spider?



We Are Fungi

Biz Mantarız

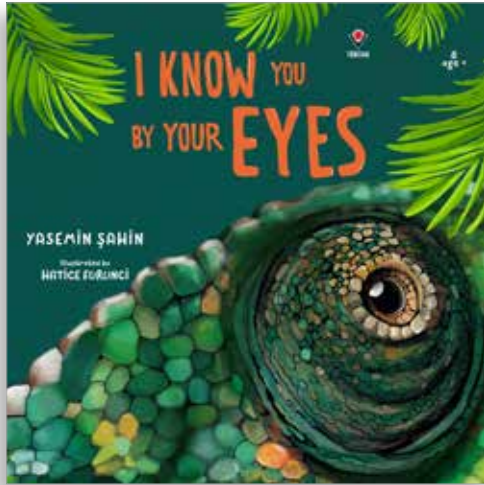
Meryem Tuğba Pekşen
Illustrated by Hatice Furuncı

Book Number: 1344
1st Edition
Hardcover 24 x 27.5 cm
32 pp
Age 7+

Pssst! Come closer. I'm here! Yes, I am talking...
A fungus! Little is known about fungi and there is so much to discover!
Let's visit the world of fungi together.



We are absolutely not bacteria.



I Know You By Your Eyes Seni Gözünden Tanırım

Yasemin Şahin
Illustrated by Hatice Furuncu

Book Number: 1343
1st Edition
Hardcover 26 x 26 cm
80 pp
Age 8 +

Eyes hold amazing secrets about living creatures. So, can you recognize an animal just by looking at its eye?

In this book, you'll first encounter the eyes of many animal some you already know, and some you might be discovering for the first time. Then, you'll meet the animal behind the eye and learn fascinating facts about its life...

If you're ready, let's explore the extraordinary world of animals through their eyes!

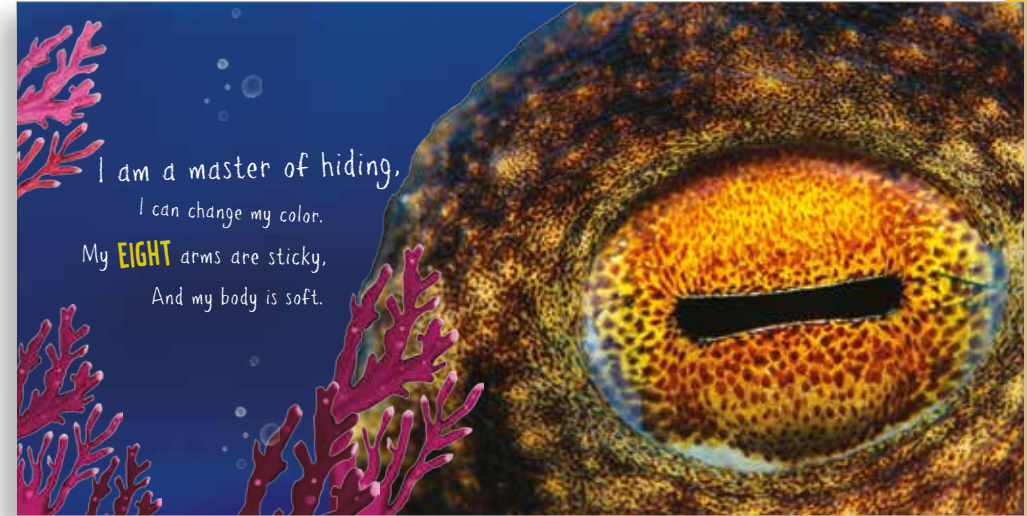
Look like a **ZEBRA**
With my body striped
I am **EIGHT**-legged
But not an **INSECT**.

I live where it's icy and cold, My body is

BLACK
and **WHITE** bold.

I have wings, but I can't fly.

I'm a great swimmer -give it a try!

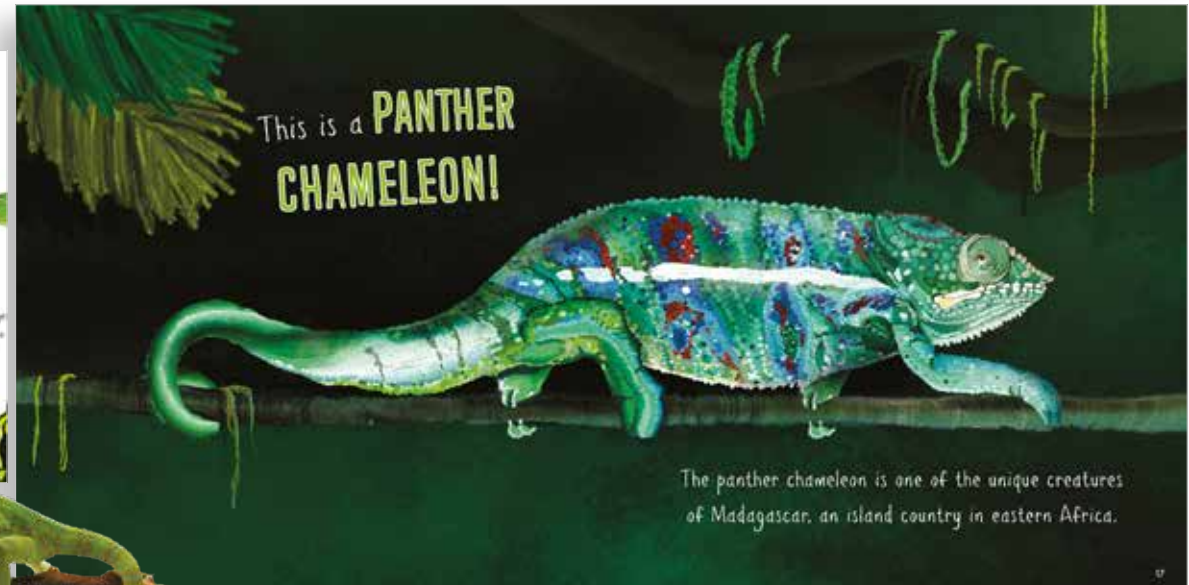


I am a master of hiding.

I can change my color.

My **EIGHT** arms are sticky.

And my body is soft.



The panther chameleon is one of the unique creatures of Madagascar, an island country in eastern Africa.



In the Village Köyümde

Meryem Tuğba Pekşen
Illustrated by Tuğçe Karaburçak

Book Number: 1270
1st Edition
Hardcover 23.5 x 27.6 cm
40 pp
Age 7+

When I am in the village, interesting questions come to my mind every moment:
When do the chicks come out of the egg?
Are those shining in the night sky only stars?
Well, what is my grandmother making tarhana from?
Come, let's wander in the village together and find the answers.
There is a lot of work in the village, and a lot of things to learn!



Where Did This Bird Go? Nereye Gitti Bu Kuş?

Meryem Tuğba Pekşen
Illustrated by Zişan ÖZEKE

Book Number: 1329
1st Edition
Hardcover 20,3 x 25,4 cm
36 pp
Age 7 +

Every morning, Suna would wake up to the sound of a bird singing in the garden. But that day, she couldn't hear it. Where had the bird gone? Would you like to join Suna on her adventure to find the bird she has never seen, but only heard?



Wild Cats of Anatolia Anadolu'daki Vahşi Kediler

Yasemin Şahin

Book Number: 1358

1st Edition

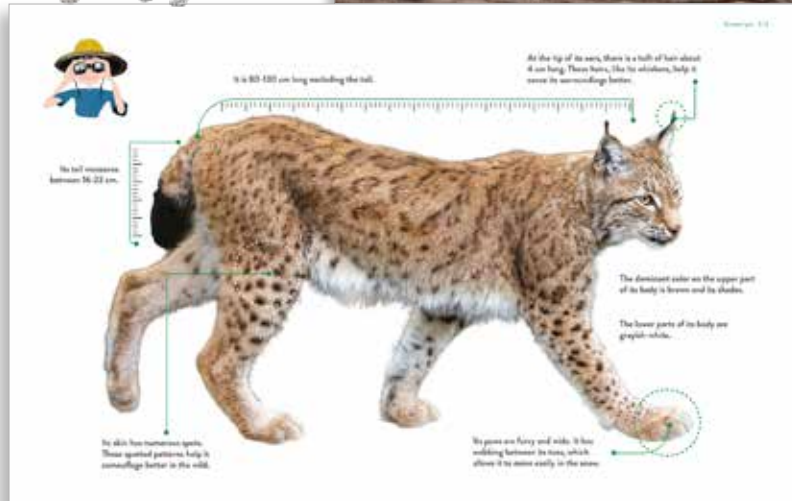
Hardcover 18.3 x 23.3 cm

80 pp

Age 7 +



Would you like to meet the mysterious cat of Anatolia, the Anatolian leopard? In this book, you can find information about wild cat species found in Anatolia, such as the lynx, black eared cat, and reed cat. Let's get to know these wild cats, which stand out with their flawless beauty and exceptional abilities.



The Tarek On the Way to Migration

İnci Kefali

Uçan Balık Göç Yolunda

Şermin Korkusuz Aslan

Illustrated by Selen Cebeci

Book Number: 1361

1st Edition

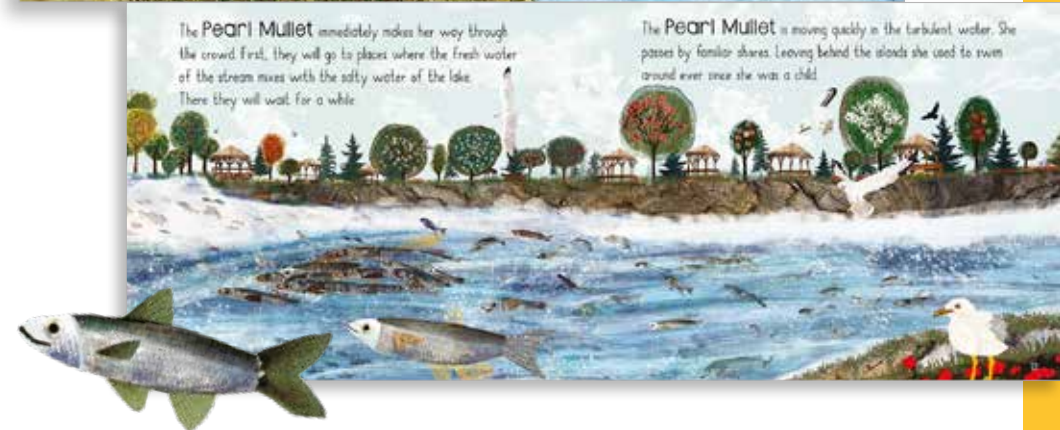
Hardcover 27 x 22 cm

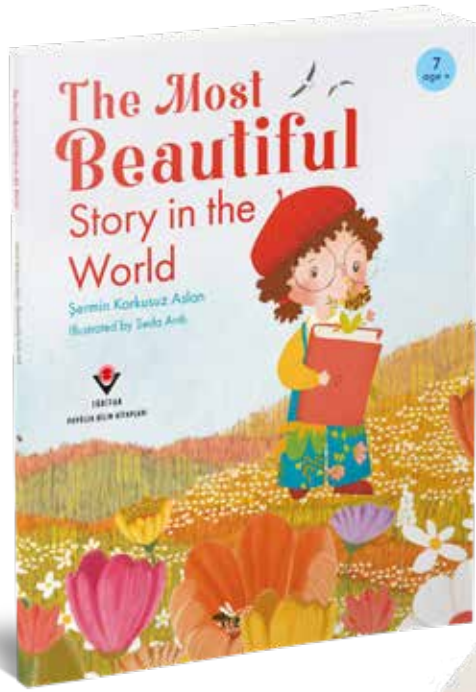
48 pp

Age 7 +



There is a magnificent excitement in the sparkling waters of Lake Van. The Pearl Mullet is preparing for its long-awaited journey. The story of the Pearl Mullet, which lives only in Lake Van in the world, and its admirable migration expedition, where it struggles with various difficulties while swimming against the current.





The Most Beautiful Story in the World

Dünyanın En Güzel Öyküsü

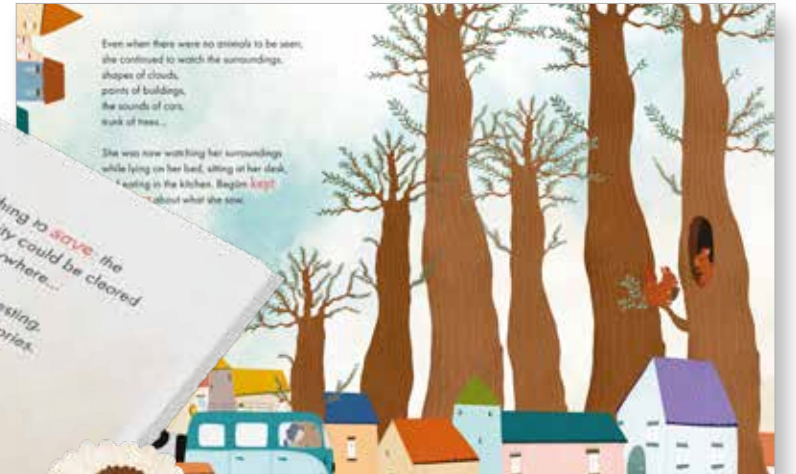
Şermin Korkusuz Aslan
Illustrated by Seda Antli

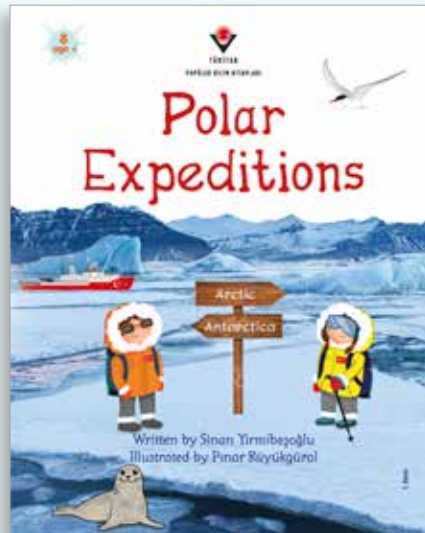
Book Number: 1342
1st Edition
Hardcover 19 x 24 cm
48 pp
Age 7+



Begum wrote beautiful stories. When she read her stories, those around her would listen to her with admiration and applaud her. Begum would also be overjoyed. Then things started to change.

To write the most beautiful story in the world, Begum only had to carefully examine her surroundings. Would you like to accompany her on this wonderful writing adventure?





Polar Expeditions

Kutup Seferleri

Sinan Yirmibeşoğlu
Illustrated by Pınar Büyükgürül

Book Number: 1370
1st Edition
Hardcover 19 x 24 cm
79 pp
Age 8 +

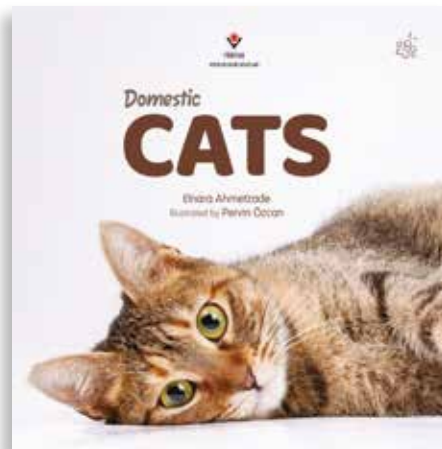
We're going on polar expeditions!

Under the guidance of Captain Sinan, our journey to the polar regions, which are the ice treasures of the world, begins.

Get ready for this adventure-filled journey and to discover how close are the Arctic region and Antarctica.

Moreover, many fun activities fostering your curiosity, research and creative thinking skills will be with you throughout the expeditions.

So let the expeditions begin!



Domestic Cats

Evcil Kediler

Elnara Ahmetzade
Illustrated by Pervin Özcan

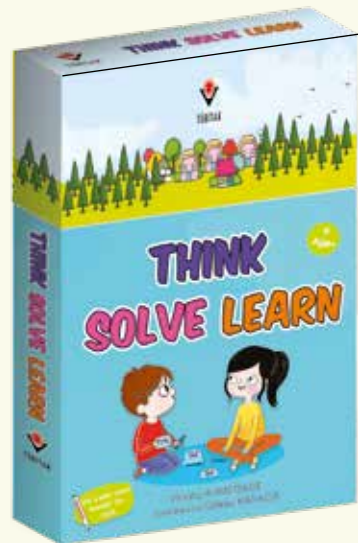
Book Number: 1248
3rd Edition
Paperback 24 x 24 cm
24 pp
Age 8 +

Their sparkling eyes, cute noses, soft paws... How much do you know about domestic cats?

What sounds can they hear? How many hours do they sleep a day? What do they say with their tails?

Get ready, we are going to visit the funny and interesting world of domestic cats.





Think, Solve, Learn Düşün, Çöz, Öğren

Elnara Ahmetzade
Illustrated by Göksu Karaca

Book Number: 1254
1st Edition
Box 9.8 x 15.3 cm
30 pp
Age 9 +

50 fascinating puzzles!
With these cards, you'll have a great
time using sometimes your attention,
sometimes your memory,
and sometimes your imagination.



Think, Solve, Enjoy Düşün, Çöz, Eğlen

Elnara Ahmetzade
Illustrated by Göksu Karaca

Book Number: 1100
4th Edition
Box 9.8 x 15.3 cm
30 pp
Age 9 +

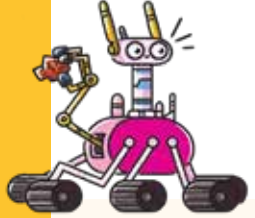
While solving the problems on
these colorful cards,
you will both develop your thinking
skills and enjoy yourselves.



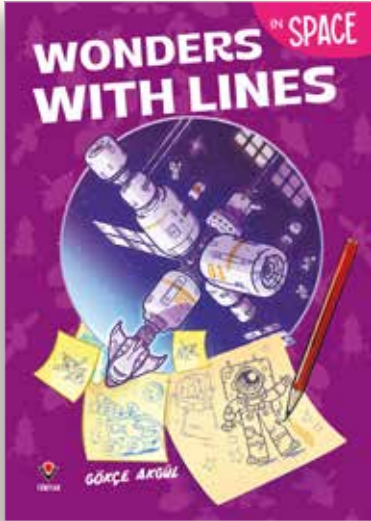
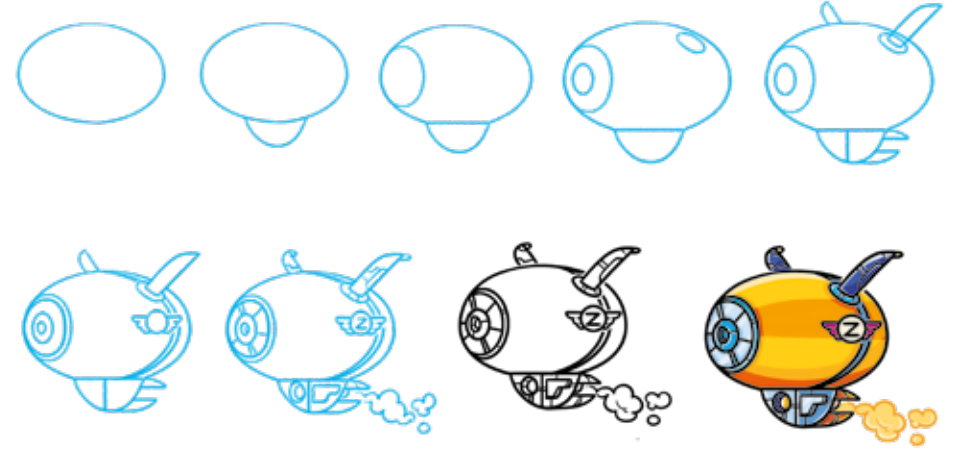


Wonders with Lines Series

With step-by-step character design, Wonders with Lines is now with you! While drawing each character, you will learn the process of sketching, drawing and coloring, and you will also be amazed at the scientific facts about them. Moreover, cartoon clues will guide you while drawing your own characters.



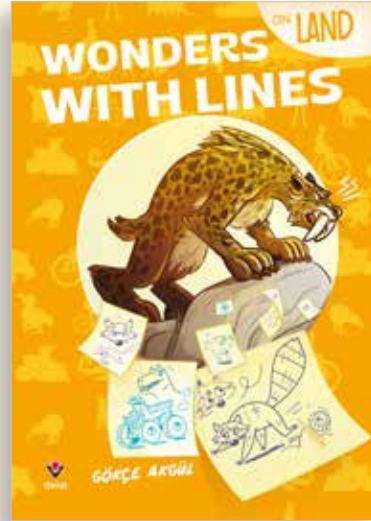
If you're ready, let's begin!



Wonders with Lines - Space Çizmeli Harikalar - Uzayda

Gökçe Akgül

Book Number: 1354
1st Edition Paperback 19 x 26.87 cm
42 pp Age 9 +



Wonders with Lines - Land Çizmeli Harikalar - Karada

Gökçe Akgül

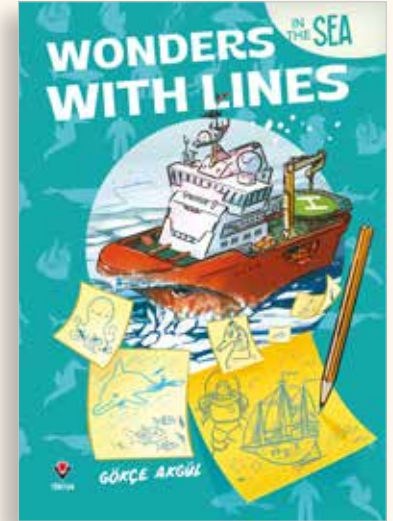
Book Number: 1356
1st Edition Paperback 19 x 26.87 cm
42 pp Age 9 +



Wonders with Lines - Air Çizmeli Harikalar - Havada

Gökçe Akgül

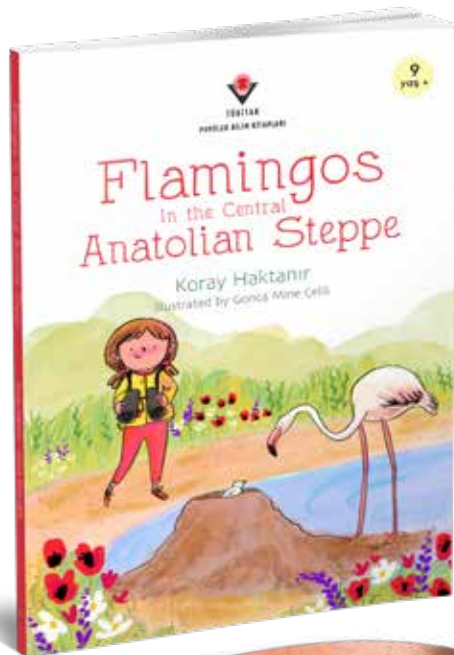
Book Number: 1355
1st Edition Paperback 19 x 26.87 cm
42 pp Age 9 +



Wonders with Lines - Sea Çizmeli Harikalar - Suda

Gökçe Akgül

Book Number: 1357
1st Edition Paperback 19 x 26.87 cm
42 pp Age 9 +



Flamingos in the Central Anatolian Steppe

Bozkırdaki Flamingolar

Koray Haktanır

Illustrated by Gonca Mine Çelik

Book Number: 1176

1st Edition

Paperback 16.5 x 23 cm

72 pp

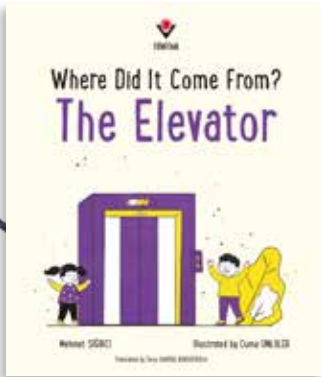
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Are you ready for this exciting journey?



Where Did It Come From? The Elevator

Mehmet Sığircı
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Translated by Sena Sarıtaş Bereketoğlu

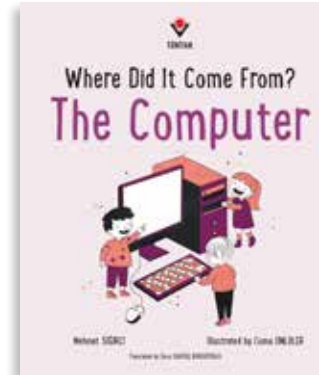
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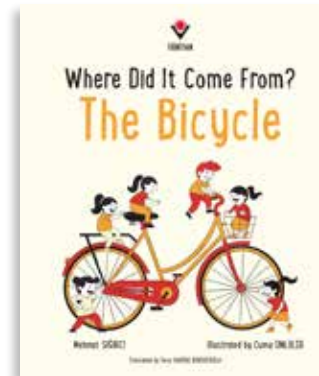
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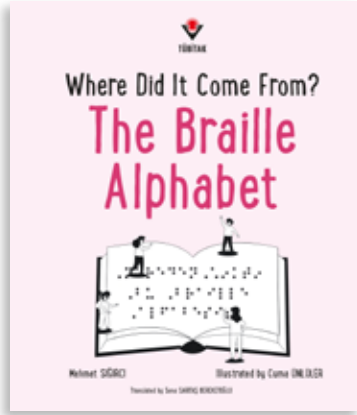


Where Did It Come From? The Bicycle

Mehmet Sığircı
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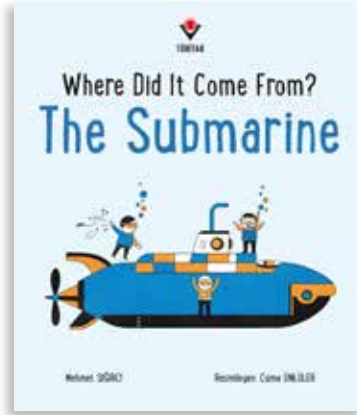




Where Did It Come From?
The Braille Alphabet

Mehmet Sığircı
Illustrated by Cuma Ünlüler
Translated by Sena Sarıtaş Bereketoğlu

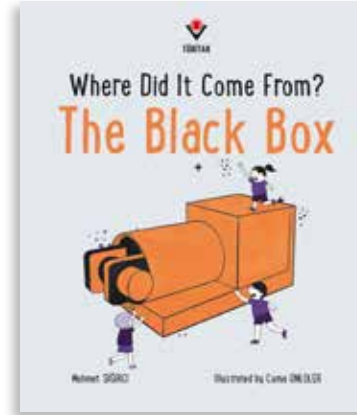
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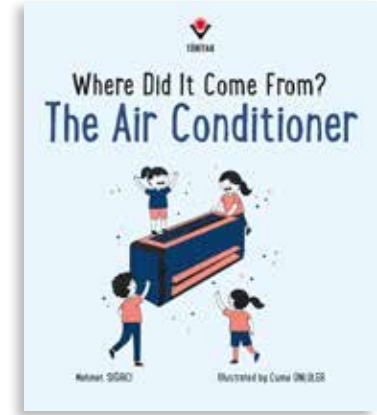
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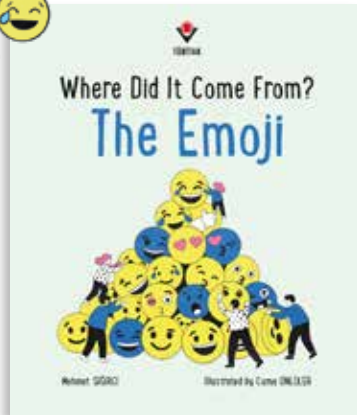
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Where Did It Come From?
The Air Conditioner

Mehmet Sığircı
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Translated by Assoc. Prof. Dr. Emre Yağlı

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Where Did It Come From?
The Emoji

Mehmet Sığircı
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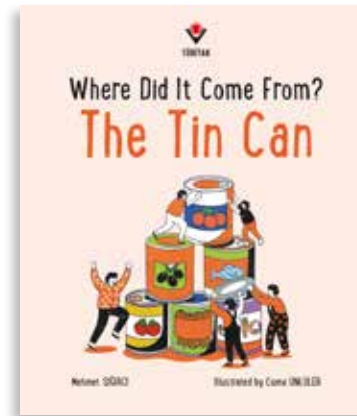
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Where Did It Come From?
The Helicopter

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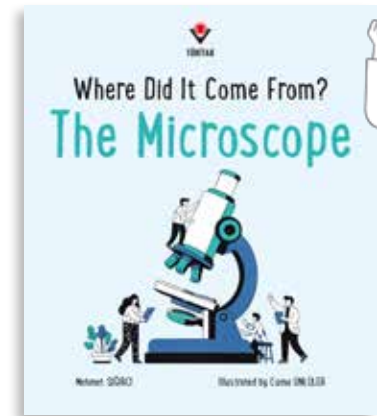
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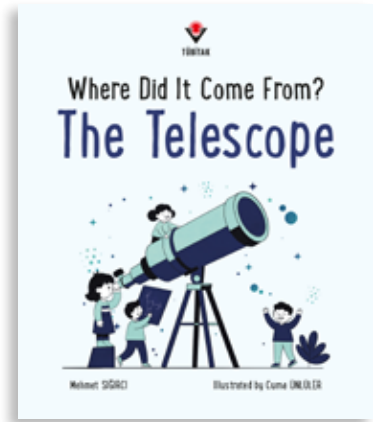
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Where Did It Come From?
The Telescope

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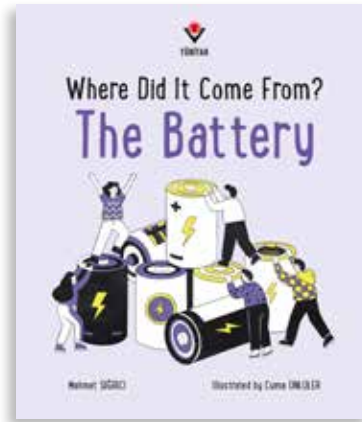
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Mehmet Sığircı
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Translated by Assoc. Prof. Dr. Emre Yağlı

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Where Did It Come From?
The Battery

Mehmet Sığircı
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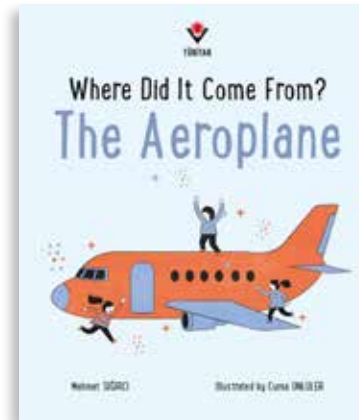
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Where Did It Come From?
YouTube

Mehmet Sığircı
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Where Did It Come From?
The Aeroplane

Mehmet Sığircı
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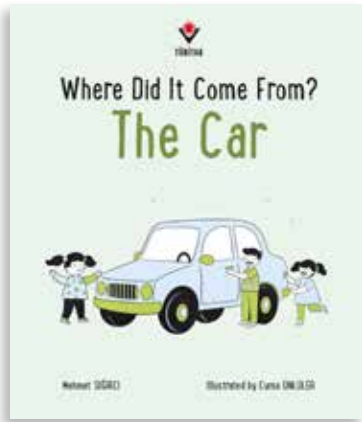
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Where Did It Come From?
The Rocket

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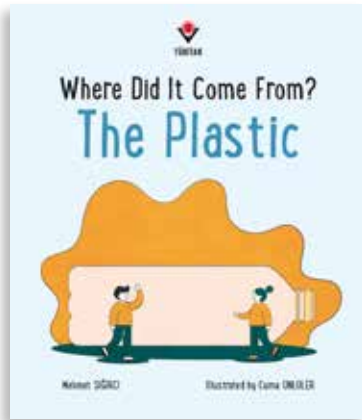
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Where Did It Come From?
The Car

Mehmet Sığircı
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Translated by Assoc. Prof. Dr. Emre Yağlı

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Where Did It Come From?
The Plastic

Mehmet Sığircı
Illustrated by Cuma Ünlüler
Translated by Assoc. Prof. Dr. Emre Yağlı

Book Number: 1286
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Paperback 15 x 17.5 cm
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Mind Games – Visual Skills

Akl Oyunları - Görsel Beceriler

Emrehan Halıcı

Book Number: 1257

1st Edition

Box 9.8 x 15.3 cm 200 pp

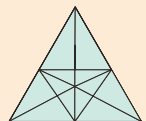
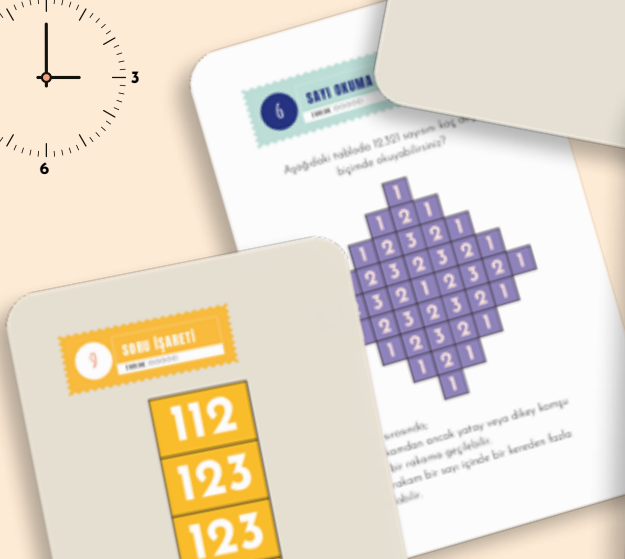
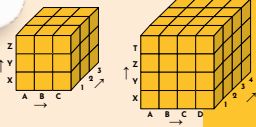
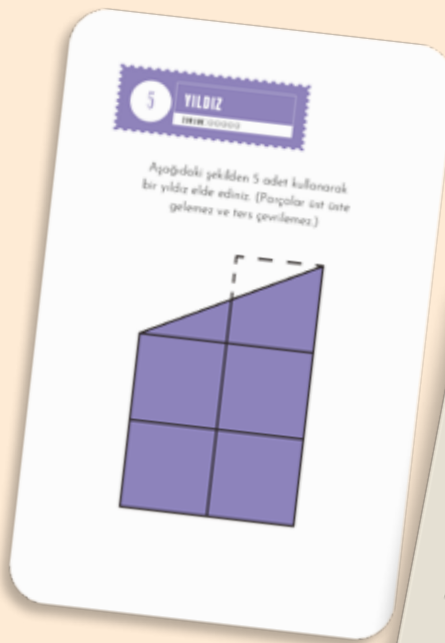
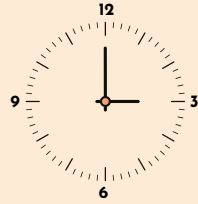
Age 10 +

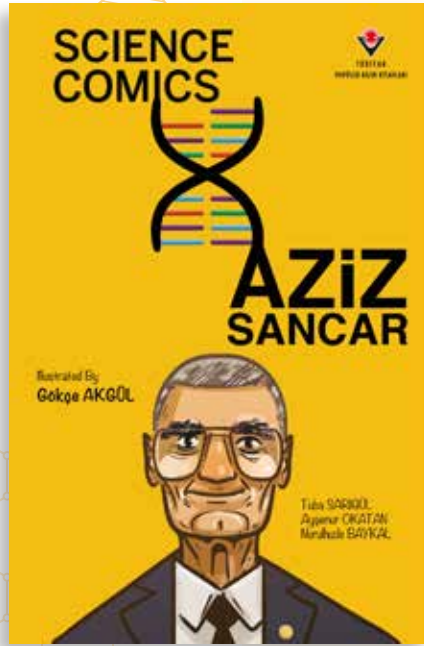
These mind games will help you develop your thinking and problem-solving skills while discovering new ways to look at challenges from different perspectives.

Visual Skills contains 200 questions. You don't have to solve them in order—simply pick a card at random, take a moment to look at the question, and think it through.

You can also rate the difficulty of each question yourself by marking one of the boxes from 1 to 5. This way, you can keep track of the questions you have already solved and see your own ratings when you come back to questions you would like to revisit.

Enjoy the journey of thinking, discovering, and solving!





Science Comics Aziz Sancar

Çizgi Bilim
Aziz Sancar

Dr. Tuba Sarıgül
Dr. Nurulhude Baykal
Ayşenur Okatan
Illustrated by Gökçe Akgöl

Book Number: 1348
1st Edition
Hardcover 15.5 x 23.5 cm
48 pp
Age 12 +

The first book of Science Comics Series presents the readers Aziz Sancar's success story along with colorful and intriguing illustrations. Enriched with science laboratory and illustrated dictionary, Science Comics - Aziz Sancar shares you the story of perseverance, effort and success.



Science Comics Marie Curie

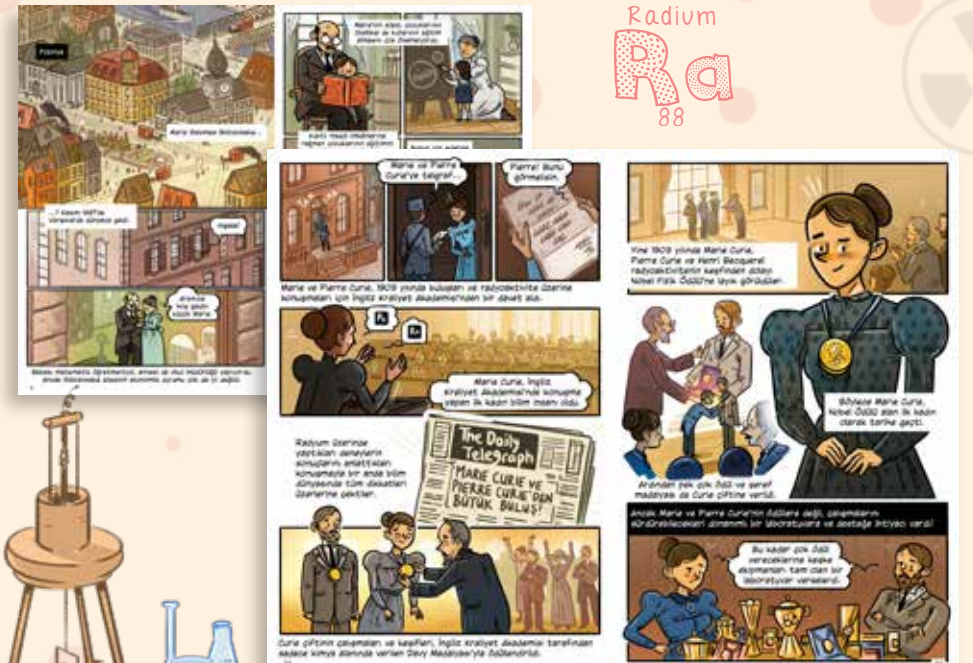
Çizgi Bilim
Marie Curie

Gökçe Akgöl

Book Number: 1349
1st Edition
Hardcover 15.5 x 23.5 cm
64 pp
Age 12 +

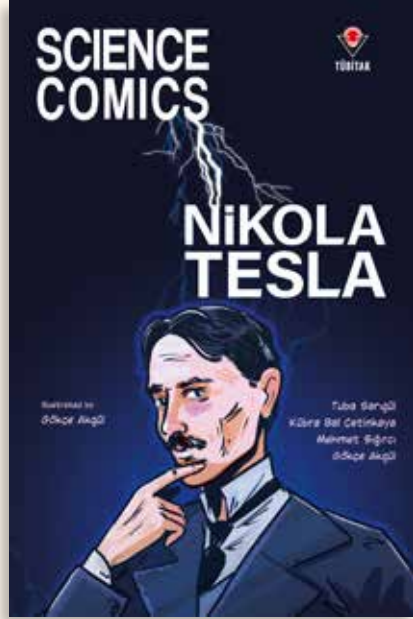
When we think of radioactivity, only one name comes to our mind: Marie Curie! She is the pioneer scientist who discovered polonium and radium. Are you ready to embark on a journey of adventure, innovation and discovery in the world of science with Marie Curie, the new book of the Science Comics series?

Polonium
Po
84



Radium
Ra
88





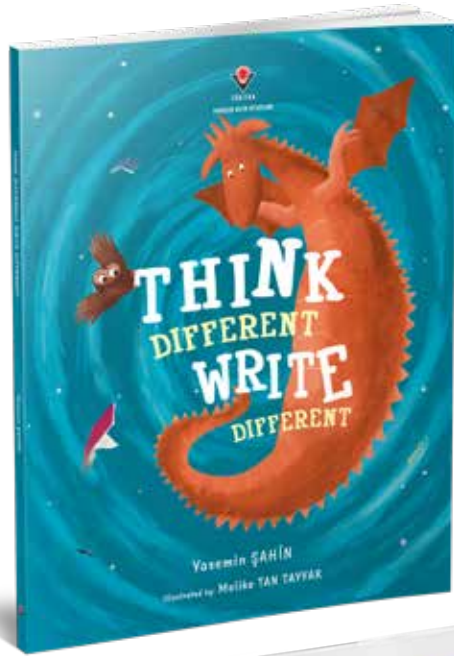
Nikola Tesla

Dr. Tuba Sarıgül
Kübra Bal Çetinkaya
Mehmet Sığırıcı
Gökçe Akgül
Illustrated by Gökçe Akgül

Book Number: 1271
1st Edition
Paperback 15.5 x 23.5 cm
80 pp
Age 12 +

The latest book in the Science Comics series introduces readers to Nikola Tesla, one of the architects of modern electricity. Are you ready for a journey of discovery with Nikola Tesla, who dedicated his life to science to make his dreams come true?





Think Different Write Different

Farklı Düşün Farklı Yaz

Yasemin Şahin

Illustrated by Melike Tan Tayyar

Book Number: 1359

1st Edition

Hardcover 19.5 x 25 cm

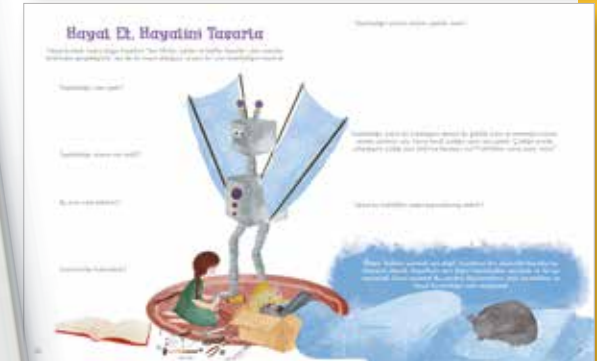
112 pp



Writing is like an exciting journey with an unknown starting and ending point. In the act of writing, where dreams, emotions, thoughts, and observations transform into words, the writer is sometimes an observing narrator and sometimes the main character of the story.

You are a hero wanting to be the author of your own story, and you want to take a step towards that. Here's your opportunity!

The exercises in this book will help you progress on your writing journey and gain experience. Additionally, you can develop your ability to think fluently and originally, while discovering yourself and your imagination.



Adult Collection



Our Neighborhood In Space

Yakin Uzay

Emre Sermutlu
Illustrated by Esra Sabik Turgut

Book Number: 1170
1st Edition
Paperback 19 x 25 cm
124 pp
Age 12+

There is still much to be discovered in the Solar System, even though many of its secrets have been uncovered through thousands of years of observation, experimentation, and calculation. Furthermore, events that take place in space are closely connected to our daily lives. Thanks to "Our Neighborhood In Space", we are embarking on an exciting journey through the Solar System, accompanied by intriguing questions. Would you like to join this expedition by putting yourself in the shoes of the scientists and engineers who made great inventions and groundbreaking designs? Throughout our journey, you will see that scientific laws are not that complicated. On the contrary, the way of thinking that leads us to these laws is natural, clear, and enjoyable.



Satellite Fuel

Satellites do carry fuel, but only in very small amounts. The purpose of this fuel is to correct any errors that may occur in orbit. You might ask, "Shouldn't everything be calculated correctly from the start?" Well, some "errors" in the general term for factors that can change a satellite's orbit occur, not mistakes in calculations.

One of these factors is the atmosphere. While we're familiar with it, we don't know its exact boundaries. Depending on the satellite's altitude, there is a small but real chance of collisions with air molecules, which gradually reduce the satellite's speed. Another factor is the solar wind, a stream of very high-speed electrons and protons ejected by the Sun.

Additionally, the gravitational effects of the Moon, the Sun, and the planets all influence the satellite's orbit. Since these gravitational forces are constantly changing direction, deviations from the satellite's intended orbit are inevitable.

However, as we've emphasized from the start, communication satellites must remain in a precise location, and ground systems are calibrated accordingly. This is where the satellite's own tiny rockets come into play. If there is a deviation, or rather, if the amount of deviation exceeds the acceptable limit, directed calculations are made. Thus, a small amount of fuel is burned based on commands sent from the ground, and the satellite is moved in the opposite direction of the desired movement. This moves the satellite to where it should be.

This is why it is difficult to bring down a satellite that has reached the end of its life. It requires fuel. However, owners of the satellite are often reluctant to use extra fuel for this task because the lifespan of the satellite is largely determined by the amount of fuel it carries.



Signals from Space

Even if we're not UFO enthusiasts or space explorers, many of us receive signals from space every day, often without realizing it—right in our own homes. Every time we turn on the TV, we're picking up signals from space, yet we rarely stop to think about it, isn't it extraordinary, though, that we can communicate with satellites thousands of kilometers away, using nothing more than a small dish on our roof?

Satellites play a vital role in our daily lives—often without us even realizing it. We rely on satellites for everything from television broadcasts and phone services to the internet and GPS (Global Positioning System) navigation. Have you ever noticed that satellite dishes on rooftops always point in the same direction—toward the south? Ever wondered why, in most places, none of them face north? Actually, some do if you've ever been to Australia; you might have seen them pointing the other way. That's because communication satellites orbit the Earth along the Equator. In the Northern Hemisphere, satellite dishes

face south. In the Southern Hemisphere, they point north. The exact direction isn't always due south—it might be slightly southwest or southeast, depending on the satellite's position relative to our location.

And what if your house were right on the Equator? If you lived directly beneath a satellite, you'd need to aim the dish straight up, like holding a tray above your head.

A forest of satellite dishes all pointing in roughly the same direction is a very familiar sight.

Communications Tower



Over the dish is aligned correctly, it never needs adjusting again. That's because the satellite orbits Earth in perfect sync with its rotation, staying fixed in the sky as if perched atop an invisible tower. But how does it manage to stay in place like that—without drifting off?

A forest of satellite dishes all pointing in roughly the same direction is a very familiar sight.



Space Junk

Since there is only one geostationary orbit, the satellite can't in this orbit must be quite valuable.

Right? Each? Putting space for new communication satellite has already started to become a major challenge. Even worse, we're not alone in space—there are already hundreds of thousands of satellites in orbit. But how does it manage to stay in place like that—without drifting off?

More and more satellites are in orbit because no precautions were taken to ensure they didn't enter Earth's atmosphere at the end of their operational life. Instead of burning up, they drift aimlessly through space.

Now, imagine a tiny piece—just a small ball—breaking off a malfunctioning satellite. That ball will keep orbiting at 1,000 meters per second, just like the satellite itself. For comparison:

- The speed of sound is only 340 m/s.
- The fastest land-running sprinters travel at 1,000 m/s.

That means even a tiny metal fragment could be a serious hazard to anything it collided with.

During various space shuttle missions, windows were damaged

hundreds of times by objects smaller than 1 cm. In all of these cases, the damage was so severe that the window had to be replaced.

Now, imagine what happens when a high-speed fragment hits a satellite. Unlike tanks, satellites do not have armor—they're delicate, expensive, and crucial. It's a clear threat to the success the satellite will sustain damage, become disabled, and all systems on Earth connected to it will face problems.

Worse still, a collision could shatter the satellite into thousands of pieces, each fragment becoming a new hazard in the junk created orbit, increasing the chances of even more collisions. This is known as Kessler Syndrome, a scenario where space becomes so cluttered with debris that future missions are at risk of total failure.

And this isn't just theory. The first satellite collision happened in 2009. A satellite belonging to the Russian space agency collided with an inactive Russian satellite, leaving it full of nanoparticles.



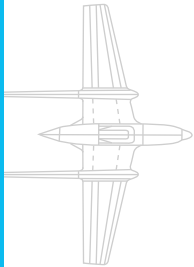


I Decided To Build A Fighter Aircraft

Bir Avcı Tayyaresi Yapmaya Karar Verdim

Emir Öngüner

Book Number: 999
4th Edition
Paperback 21.6 x 29 cm
216 pp



Abidin Daver, one of the famous journalists in 1930s, organized a visit to the Nuri Demirağ's workshop in Beşiktaş in the summer of 1938. During the interview, Demirağ gave some hints about a new project:

"... I decided to build a fighter aircraft. Currently we are working on a prototype. I don't want to purchase licenses from Europe or USA and manufacture such planes. Because that would only be a copy work. I am aiming at establishing an unique, national aviation. This fighter plane, whose blueprints we are currently working on, will be the first Turkish type fighter aircraft containing the speed of the fastest fighter aircrafts in Europe and USA..."

Why has this plane have never been introduced until today, whose drawings or a prototype were prepared in 1938; any why was it not manufactured?

Ich Habe Beschlossen, Einen Kampfflugzeug Zu Bauen

Abidin Daver, einer der berühmten Journalisten in den 1930er Jahren, organisierte im Sommer 1938 einen Besuch in die Werkstatt von Nuri Demirağ in Beşiktaş. Während des Interviews gab Demirağ einige Hinweise über ein neues Projekt:

"... Ich habe beschlossen, einen Kampfflugzeug zu bauen. Derzeit arbeiten wir an einem Prototyp. Ich möchte keine Lizenzen aus Europa oder den USA kaufen und solche Flugzeuge herstellen. Denn das wäre nur eine Kopierarbeit. Mein Ziel ist es, eine einzigartige, nationale Luftfahrt zu etablieren. Dieses Kampfflugzeug, an dessen Bauplänen wir gerade arbeiten, wird das erste Kampfflugzeug türkischen Typs sein, das die Geschwindigkeit der schnellsten Kampfflugzeuge in Europa und den USA hat..."

Warum ist dieses Flugzeug, dessen Zeichnungen und Prototyp 1938 erstellt wurden, bis heute nicht vorgestellt worden; und warum wurde es nicht hergestellt?



That Thing They Call Mathematics

Şu Matematik Dedikleri...

Ali Sinan Sertöz
Translated by Fazilet Bayıroğlu

Book Number: 1095
1st Edition
Paperback 13.5 x 21.5 cm
306 pp



The laws of nature are told to be written in the language of mathematics.

Are scientists the only ones who can read this language?

If we could solve the math on the signs placed at the crossroads of our daily lives, wouldn't we make more accurate decisions?

With this book compiled from Ali Sinan Sertöz's articles published in the popular science magazine Bilim ve Teknik, you will accompany the adventures of people who can read the language of mathematics in life. From mathematicians to explorers, from Antiquity to the present, you will follow people who have seen mathematics in the flow of life and become a partner in their adventures.

With That Thing They Call Mathematics, you will see how not only our daily life, but also the history of humanity has been affected.



The wildlife of Türkiye

Bülent Gözcelioğlu

Book Number: 1164

1st Edition

Paperback 22.5 x 22.5 cm

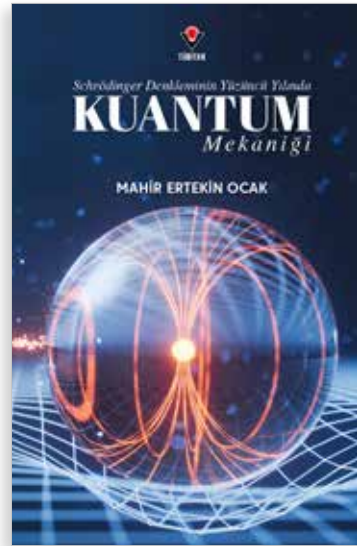
392 pp

Did you know that around three thousand of the plant species in Türkiye are endemic, in other words, they are found in only Türkiye in the world; that animals such as tarantulas, desert cobras and whales also live in this geography; that geological structures such as floating islands, glaciers and crater lakes also exist in Türkiye; that mosasaurs and mastodons, giraffes and rhinos once lived in Anatolia; that Anatolia is a rich place in all aspects?

This book contains detailed information about many living species, from mammals to reptiles, from marine invertebrates to insects, from plants to fungi, that have lived in the Anatolian geography from past to present.

You are going to travel to many different ecosystems, from high mountain ecosystems such as the Taurus Mountains to the deep waters of the Aegean Sea, from the Central Anatolian steppes to the Black Sea forests, from underwater canyons to caves. You are accompanied by photographs, and you are going to witness the rich biodiversity of Anatolian nature.





Quantum Mechanics In the Centenary of Schrödinger Equation

Schrödinger Denklemine Yüzüncü Yılında Kuantum Mekaniği

Mahir Ertekin Ocak

Book Number: 1328

1st Edition

Paperback 13.5 x 21.5 cm

110 pp

Realization in the early twentieth century that classical physics was unable to explain some of the observed phenomena led to the development of quantum physics. The theory that was formulated by contributions of many physicist holds a significant place in modern physics today. Three of the four fundamental interactions are explained by quantum theories, and researchers still endeavor to develop new quantum theories.

Prepared for science enthusiasts, this book addresses the fundamental topics of quantum mechanics—as well as concepts such as “entanglement,” “superposition,” and “tunneling”—in simple language, making one of the building blocks of modern physics more accessible to everyone.

Let's Learn About the Sky Göküyzünü Tanıyalım

M. Emin Özel - A. Talat Saygıç

Book Number: 47

18th Edition

Paperback 20.3 x 22.3 cm

486 pp



Crystal clear nights... with many sparkling stars... among them are slowly wandering planets. Then, unexpectedly, before you even have a chance to make a wish, a flashing light, a meteorite passes in front your eyes. You may also observe a number of artificial satellites strung together like beads or pass speedily on their own. From time to time, you will also have the chance to observe The International Space Station, brighter than any other lights around (it has many large of solar panels reflecting the sunlight), even with a kind of pity due to its decidedly known doomed fate in around 2030. You can also have the Moon, which can become another source of romance and aspiration, at times... All these expected and unexpected beauties are open to your attention, all lined up as if they want to be known by you, in order you to feel better

Whether on a vacation, by the sea, or in a city or village, with a good night view from an open place or on a boat in a sea voyage, let us be your guide on this exciting excursion... For every separate season of the year, your book Let's Get to Know the Night Sky will teach you all about the stars, their names and relevant stories, legends, their distances, and other interesting information that have been told for many generations since thousands of years,

In addition, the book has audio files created from book's texts (*). Just install them into your cell phone, tablet, laptop computer and other devices. This way, you can enjoy the jewels of darkness, with no need to read the book in the dark you can give your full attention to the stars... This book will help also you answer many questions you are curious about the night sky, astronomy or many recent space studies. Among them are the following:

- How can I differentiate a planet from a star?
- What is the difference between a zodiac sign and a constellation?
- Should we believe in our zodiac sign? What do we know about 13th zodiac sign?
- How many planets are there in our solar system and have this always been the same?
- What are exoplanets and how many of them was discovered?
- Will humans return to Mooh? What is new in the Artemis Moon Landing program?
- How will it be possible to travel to Mars? To other planets and then, to the stars?
- How real are UFO/UAPs? Are aliens possible possible at all?
- Where do meteorites come from? What should I do if I see and find a falling one?
- Where is the Milky Way and how big is it?
- Are there black holes in the Milky Way and in other galaxies? Have they been photographed? How?
- How and what do we know about whole Universe?
- How sure are we about the Big Bang? What are our clues about it?

* www.bilimgenc.tubitak.gov.tr/dergimiz/gokyuzuunu-taniyalim-tubitak-populer-bilim-kitaplari

Bölüm 1

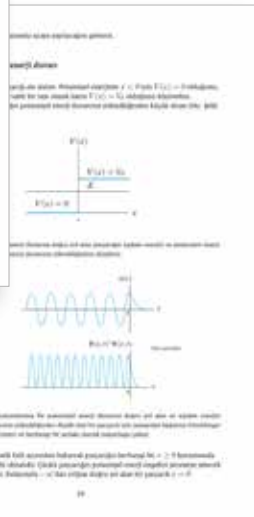
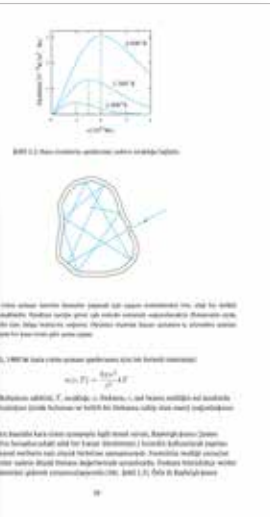
Eski Kuantum Teorisi

Kuantum mekaniğinin geliştirilmesinde çok büyük rol oynayan, 19. yüzyılda sonuna kadar 20. yüzyıla kadar bilim felsefesi olarak kabul edilen mekanik teorisi. Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar. Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar. Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar.

1.1 Kuantum Teorisi

Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar. Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar. Kuantum mekaniği, atomun yapısını ve atomun içindeki olayları açıklar.

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Reading Euclid

Öklid'i Okurken

Ali Sinan Sertöz

Translated by Ali Sinan SERTÖZ

Book Number: 1035

3rd Edition

Paperback 16.5 x 23.5 cm

138 pp

What are the adventures of Euclid's book The Elements, and what is the condition of the copies that have survived to this day?

Is there such thing as "original text"? While reading

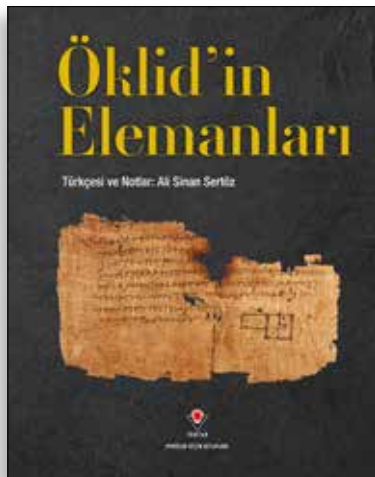
The Elements, are we right in feeling as if Euclid have access to ideas that would join the world of mathematics centuries after his own time?

In this book, we will examine definitions, reasoning, arguments, and selectivity in the ordering of propositions on selected topics in the light of these questions throughout the thirteen books of The Elements.

This book will mentor the readers regarding the path needed to explore the magical world contained in

The Elements, but will leave it up to them to formulate their own answers, because as Euclid tells the king,

"There is no royal road to geometry."



Euclid's Elements

Öklid'in Elemanları

Ali Sinan Sertöz

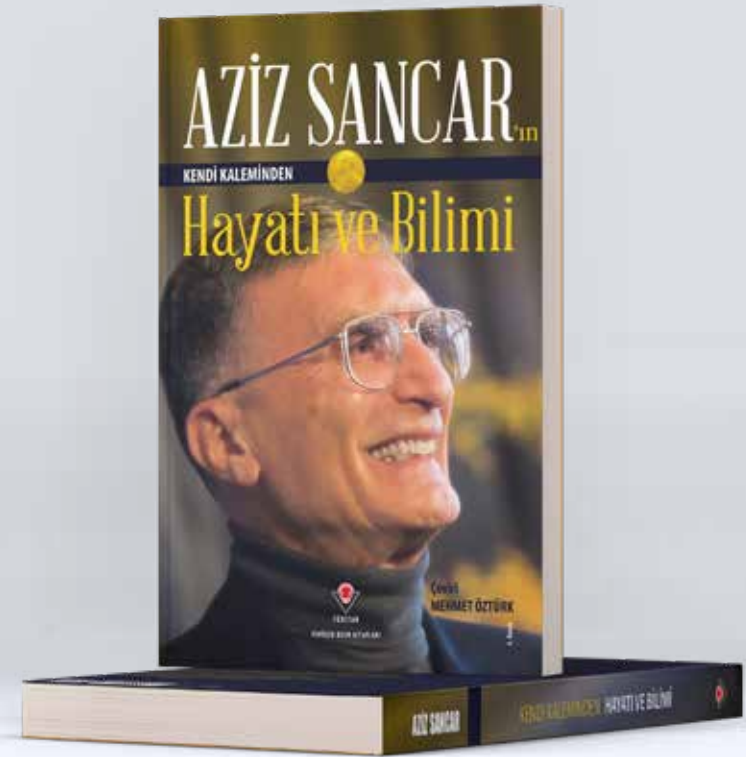
Book Number: 1011

6th Edition

Paperback 18 x 24 cm

692 pp

Euclid is an Ancient Mathematician who is thought to have lived in Alexandria around 300 BC. In his book, Elements, he systematically reconstructed all the mathematics of his time, starting with only five axioms and five general concepts. In this respect, Elements has deeply affected the mentality of the Eastern and Western worlds since the day it was written and pioneered the birth of today's science paradigm. All thirteen volumes of Elements, which have been used as a textbook as well as a bedside book for every thinking person for two thousand years, have been translated into Turkish for the first time. At the beginning of this translation, detailed explanations are made on Euclid's Elements and the approaches followed in the translation. Euclid's Elements is a masterpiece applying logic to mathematics.



Aziz Sancar

His Life and Science By His Own Pen

Aziz Sancar'ın

Kendi Kaleminden Hayatı ve Bilimi

Book Number: 960

5th Edition

Hardcover 17 x 24.2 cm

112 pp

6th Edition

Paperback 16.3 x 23.5 cm

112 pp

Sancar Family's seventh child was born on 8th September, 1946 in Savur, Mardin. They named him Aziz. Leaving his town at an early age for education,

Aziz returned his hometown as a young physician. Although he always remembers his youth there as the best period of his life, he has been consumed with the idea of doing science. When he was twenty six years old, he went to the US and stayed there except for short-term departures.

He has dedicated his scientific research to answer these two questions: "How is the DNA molecule repaired?" and "How does the biological clock work?" He has made discoveries related to DNA repair, which are noted in textbooks. Due to these discoveries he received the Nobel Prize in Chemistry in 2015.

His discoveries about biological clock are also equally valuable. Aziz Sancar is indeed an extraordinary scientist with his exceptional contributions to two different scientific areas. This book is written in English by Aziz Sancar who is noted as Turkish-American in the Nobel records, which makes him the first Turkish Nobel laureate in science. The book's translation is made by the molecular biologist Mehmet Öztürk, who is a close friend of Sancar. Aziz Sancar has greatly supported the book's translation, reviewed and approved the text. The first chapter of the book addresses all the readers. The second one is a reference guide for those who are curious about the Sancar's scientific discoveries, highschool and university students, teachers, and readers who are specialized in medicine and life sciences.



Element Cards Element Kartları

Umut Hasdemir - Dr. Tuba Sarıgül
Dr. Nurulhude Baykal - Ayşenur Okatan

Book Number: 1092
3rd Edition
Box 12.5 x 12.5 cm 118 pp

Element Cards consists of 118 cards prepared according to the periodic table, where the elements that form the basis of the universe are given together with their atomic number and atomic mass. You will find basic information about the elements, their appearances, properties and their place in our lives in this card set.

Celestial Atlas Gök Atlası

Alp Akoğlu

Book Number: 675
8th Edition
Size 22.5 x 15.5 cm

Celestial Atlas is a sky map that lets you find out what the sky looks like on any given date and time, the position of celestial bodies, and the sunrise and sunset times with a simple adjustment. With the help of the Celestial Atlas, you can track bright stars, some deep sky objects, nebulae, open star clusters, planetary clouds, and star clusters.

The Story of Light Işığın Öyküsü

Hüseyin Gazi Topdemir

Book Number: 263
4th Edition
Hardcover 18.4 x 24.3 cm 384 pp

Historical Development of Theories of Light from Mythology to Quantum Electrodynamics

With its mysterious nature light has always been a subject of interest and curiosity for all the knowledge areas from legends to religion, philosophy, and arts and sciences. Hence it seemed a necessity to reveal the story of the effort of understanding of the nature of light and formation of seeing as well as making the relationship of this story with today's theories that lift the veil of mystery contextual. Written with this aim in mind Işığın Öyküsü covers the history of our effort to understand light alongside the development of other facts related with the subject matter beginning from the oldest civilizations to modern era.



Cyber War in All Aspects Her Yönüyle Siber Savaş

Hasan ÇİFCİ

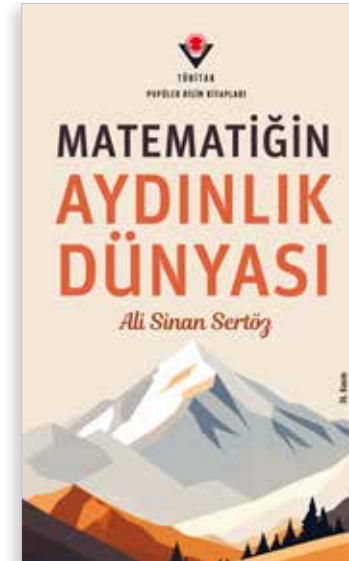
Book Number: 537
3rd Edition
Paperback 13.5 x 21.5 cm
399 pp

Cyberspace is becoming an increasingly important concept in today's world. We interact with many people in the cyber environment through technological tools such as the internet, social media and digital devices. Institutions and organizations are becoming more and more dependent on the internet for the services they provide.

Among states, the cyber environment emerges as a new arena of struggle alongside land, sea and space. As individuals and institutions, we have to deal with the cyber environment not only with the opportunities it provides, but also with its risks and threats, because awareness of cyber security and taking the right precautions are now vital.

In Cyber War in All Aspects, the risks to internet users, institutions and organizations, how to deal with these risks, the effects and consequences of cyber attacks are explained in a simple style, with an emphasis on current examples and real cases.

Cyber War in All Aspects is a comprehensive guide for anyone who wants to have basic knowledge about the cyber environment and cyber security.



The Brilliant World of Mathematics Matematğin Aydınlik Dünyası

Ali Sinan Sertöz
Translated by Fazilet Bayıroğlu

Book Number: 36
36th Edition
Paperback 11.5 x 18.5 cm
144 pp

Mathematics is a human adventure created by people who have lived life to the fullest, with their joys, sorrows, successes and defeats. In this book you will find the story of this great human adventure, some of which took place in Türkiye.

Ali Sinan Sertöz wrote "The Brilliant World of Mathematics" based on the documentary of the same name that he prepared with his wife for TRT.

