

Woongjin Thinkbig

 ALL  
AROUND  
SCIENCE 





# ALL AROUND SCIENCE

## A Key to Building Strong Fundamentals of Science

ALL AROUND SCIENCE covers in-depth all elements of science allowing children to build strong basic knowledge of science covered in school.

## The Most Entertaining Series of Science Books

36 science picture books are well-designed in various formats efficiently delivering scientific knowledge to the readers. In addition, this series consists of four educomic books and four factivity books that naturally embeds ability to think in science and interest in learning.

## A Library of Various Format of Content

ALL AROUND SCIENCE program consists of various forms of reading content that enhance children's knowledge of science.

## A Collaborated Work of Experts

With the supervision by experts of each field, ALL AROUND SCIENCE insures its accuracy and its quality of content.

Our Body



Animals & Plants



Earth & Environment



Space

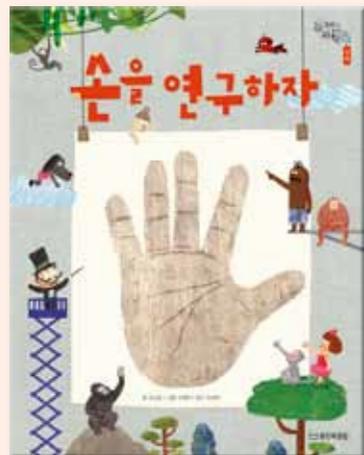


Matter & Energy



Magic Guardians & Factivity Books



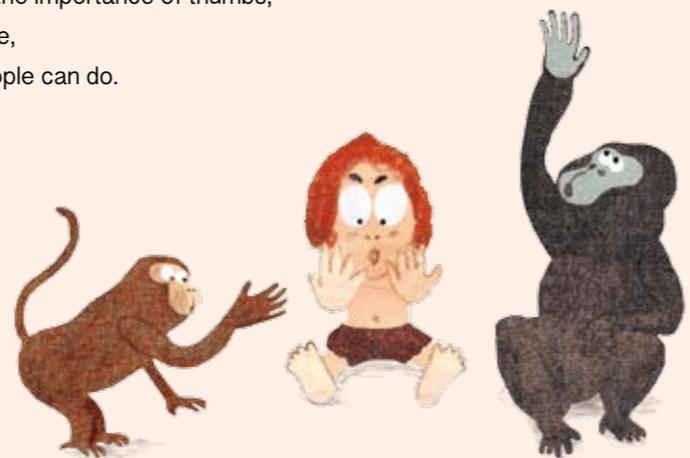


## Let's Explore Our Hands!

Written by San-ho Oh  
Illustrated by Jung-taek Oh

This book explores all facts on hands – what fingernails are for, why there are lines on the palm of the hands, what fingerprints are. In addition, children will read through different shapes of hands of different animals and how they are used in different purposes. This book also presents interesting facts, such as the importance of thumbs, why bones in hands are structured the way they are, and some amazing hand tricks that not a lot of people can do.

hand fingers fingerprint  
body palms

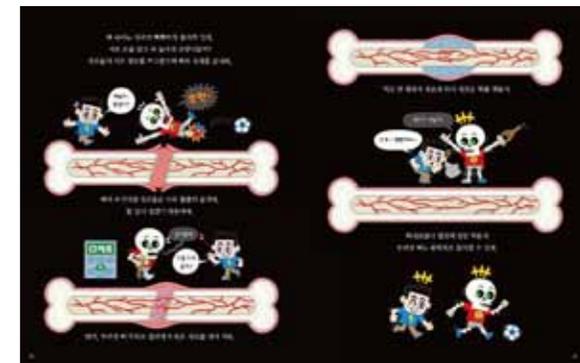


## Boo! I am a Skeleton!

Written by Tae-hwa Lee  
Illustrated by Woo-hee Park

Did you know that your bones tell how old you are? And did you know that you grow a set of brand new bones in every seven years? Read and find out how bones help you to move and protect our important organs in our body! Also, read through how study of bones helps to crack unsolved crime mysteries.

skeleton bones  
study of bones



## Hotels for Germ

Written by Sung-hwa Kim, Su-jin Kwon  
Illustrated by Ryeong-eon Kim

Did you know that your body is a one huge luxurious hotel for germs? There are millions of rooms for germs inside and outside of your body that you probably haven't noticed that have been there since you were a small baby! What are germs doing in in my body? Do they make you sick? Or do they protect you from other bad germs? Read through different types of germs and learn how and why germs can be helpful to you.

bacteria disease germs



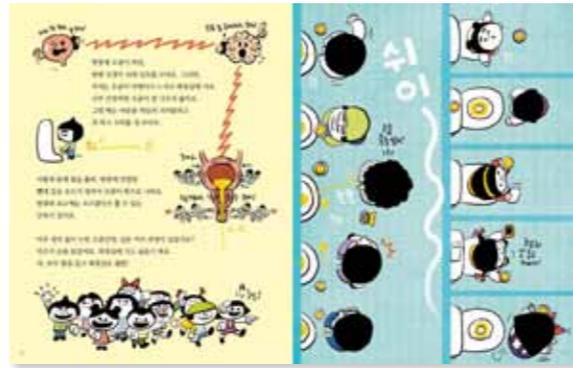


## Let's Investigate Our Urine

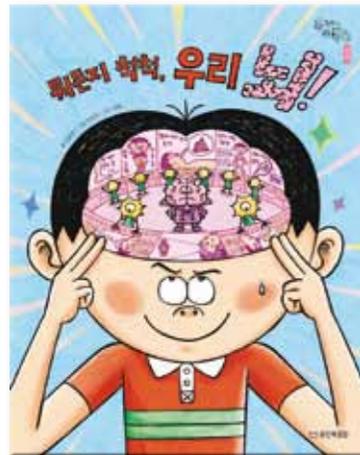


Written by Ji-yeon Lee  
Illustrated by Jung-in Park

Did you know you're exposing different types of body waste? What can you learn from your body waste? Readers will read through how and why your body produces body waste. In addition, readers will learn what they can interpret about their health from their own body waste.



• bladder • kidney • urine



## Brain Does Everything!

Written by Suk-young Lim  
Illustrated by Kyung-seok Lee

Brain is probably the most important and mysterious organ in our body. It is important because it controls different organs in our body and helps us to think. Read through how the brain communicates with different parts of our body! Also, find out some amazing experiments by neuroscientists to study how our brain functions.



• brain • nerves • neuroscience • organs



## The Great Secret of a Fruit Fly Family

Written by Jae-won Kwon  
Illustrated by Jae-hyeon Park

A baby fruit fly panics when he realizes that he's the only one in the family with white eyes. But his grandfather calms him down, explaining there were white-eyed fruit flies amongst their descendants. This book is about genes and DNA. It will also present an amazing fact that fruit flies and people partially share common genetic code and they were used as specimen in science experiments to test better environment for people.

• DNA • genes • heredity • genetic variation



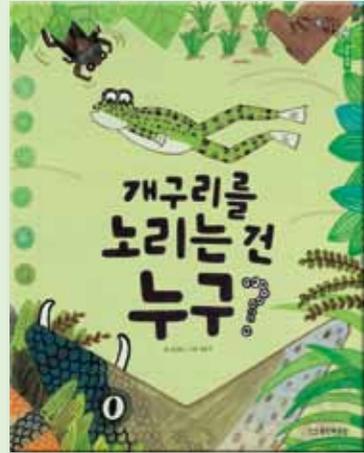
## Dr. Snow, Tell Us About Cholera!

Written by Bo-yoon Choi  
Illustrated by Byung-il Ye

This is a semi-educational book on cholera. Dr. Snow, the first person to map the real cause of cholera, explains his investigation in cracking the mystery of this deadly disease. Follow along Dr. Snow's investigation and find out what cholera is, why it is deadly dangerous, and how we can prevent ourselves from this disease in our daily lives.

• epidemic disease • Cholera • John Snow

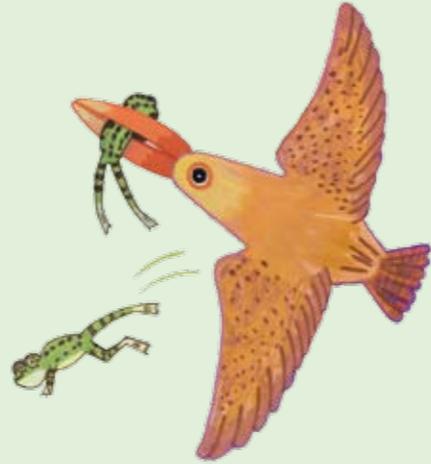




## Who's After Frogs?

Written by Sung-ho Kim  
Illustrated by Moon-ju Jung

Frogs lay up to 1,000 eggs at a time. However, a lot of them end up becoming fish and water bugs' meal. As tadpole slowly grow into tiny baby frogs and learn to protect themselves from fish and bugs, they now would have to encounter bigger predators such as snakes and birds. How many from 1,000 eggs will actually become frogs? Is there anything else other than hungry predators that they would have to survive through?



- frog
- food chain
- life cycle
- hibernation of frog



## Urgh! Caterpillars!

Written by Bo-hyeon Seo  
Illustrated by Sung-yeon Cho

Where do caterpillars come from? Do caterpillars stay as caterpillars forever? Ahin brings a tiny egg of beetle and studies it for a period of time. As an ugly caterpillar hatches from the egg and gradually becomes a beetle, Ahin learns the life cycle of insects. Readers will look at different types of insects and how their life cycles differ from the others.



- life cycle
- caterpillar
- beetle
- insects



## Who is the Best of All?

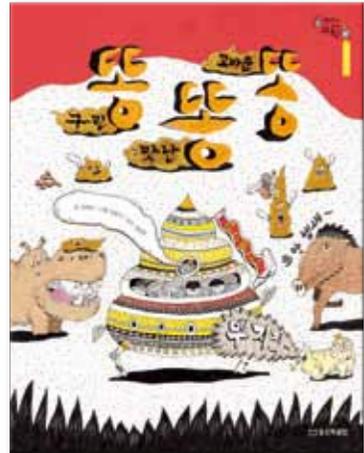
Written by Young-sik Han  
Illustrated by Kyung-hwa Yoo

Among thousands species of insects, which do you think runs the fastest? How about the best hunter? And which of the insects makes the loudest noise? This book presents some amazing species of insects with interesting characteristics. Did you know there are insects that expose odors to chase off their prey? Read and find out more!



- bugs
- beetles
- flies
- insects
- survival





## Who Eats Poops?

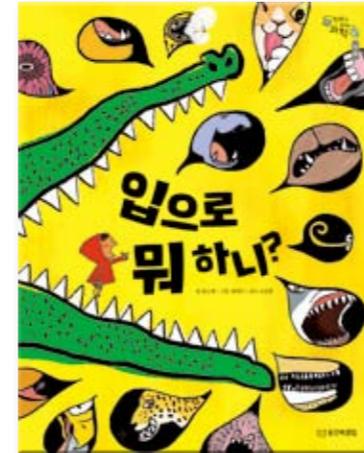
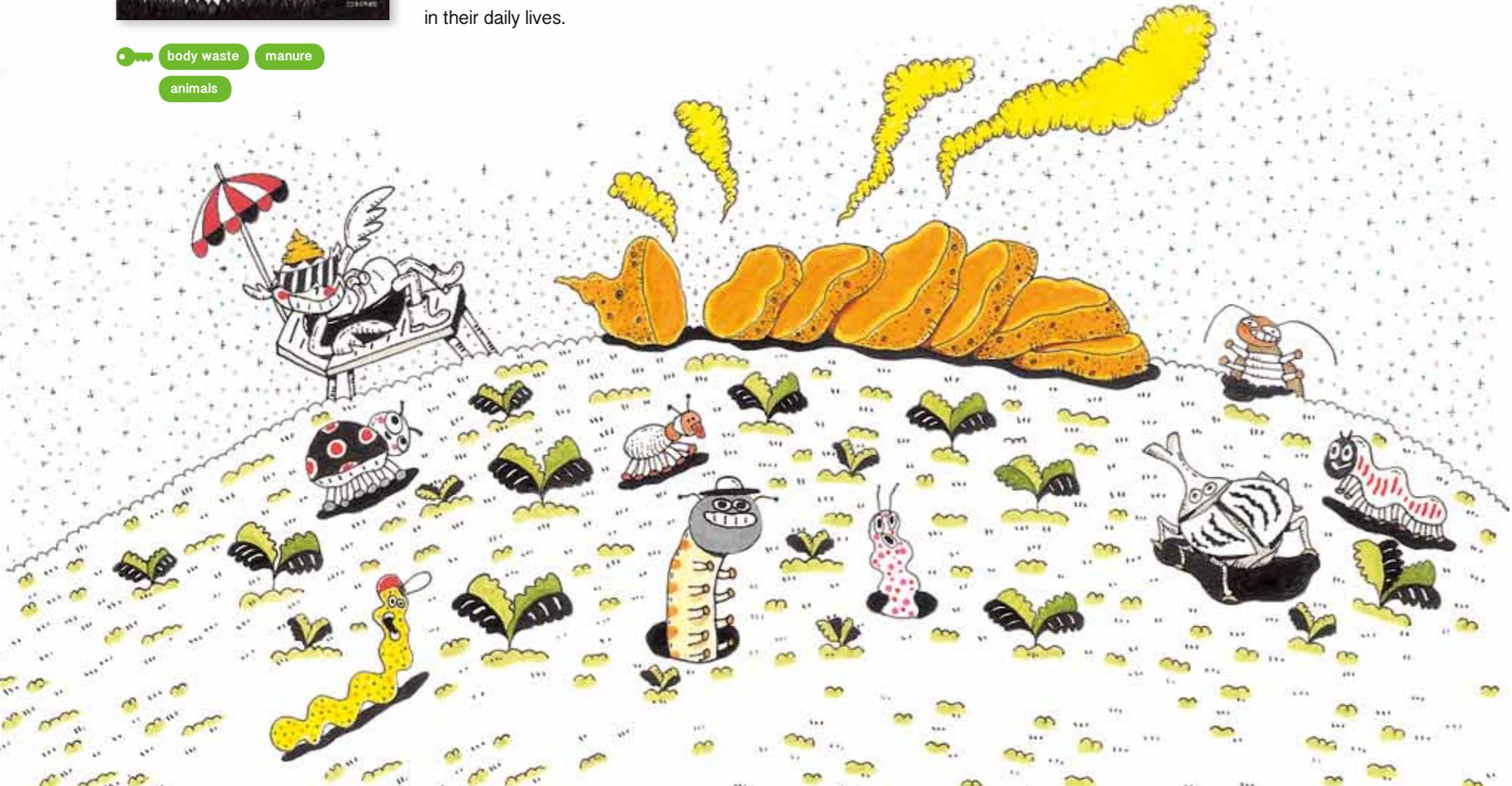
Written by Hee-nam Kim  
Illustrated by Chang-guk Shim



Most people simply flush down their poop down the toilet. However, animals treat their poop differently. There are some animals to eat their own poop or feed it to their babies for nutrients. Some animals would spray their poop as far as they can to attract other animals. This book introduces how different animals use their poop in their daily lives.



- body waste
- manure
- animals



## What's Mouth For?

Written by So-yeong Yoon  
Illustrated by Hye-jun Won



We all have mouth to eat, breathe and talk. Just like human, all living creatures are born with mouth or mouths – but with different purposes. Explore how different living creatures have different kinds of mouth or mouths, and how they are used! Do they use their mouth only to eat and talk? Or do they have other usage of their own mouth?

- mouth
- human
- animals
- roles of mouth



## All About Fish

Written by Jung-hoon Kim  
Illustrated by Bong-sun Yoon



How do fish breathe and live underwater? Why do fish skin feel slippery? What is the fastest swimming fish of all? This book illustrates various characteristics of fish - why most fish can only survive in underwater as some fish can move around or fly above water. In addition, this book presents interesting kinds of fish, such as fish that live under land, fish that use their intestine to breathe, fish that climb up the rocks, etc.

- types of fish
- respiratory system
- characteristics of fish





## Where Are All the Animals?

Written by Jong-wok Choi  
Illustrated by Se-jin Kim

People find different ways to stay warm during the winter. Then, how do animals survive through the winter? Do they disappear for a while and come back? This book explains how different animals prepare themselves for winter and how they survive through this period of time.



- hibernation
- migration
- adaptation
- winter



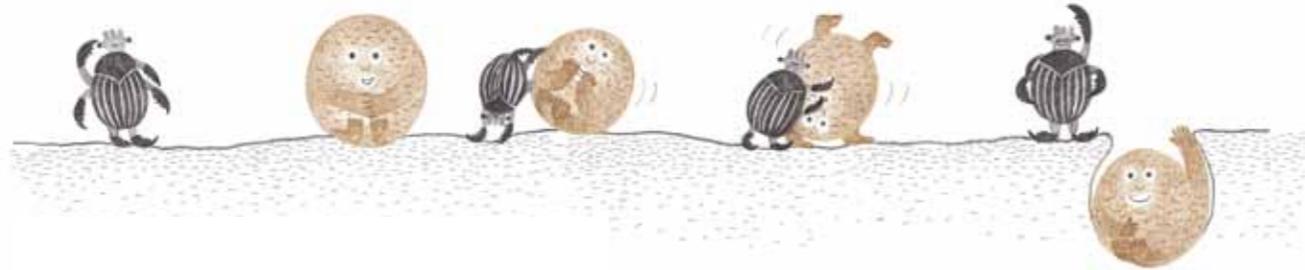
## Is It a Manure or a Seed?

Written by Yoon-sun Lee  
Illustrated by Soboki

Plant seeds are smarter than we think. Some seeds look and smell like a manure so that they can be carried and planted by animals. Some seeds have their own little parachute so that they can fly as far as they can.

This book illustrates how different seeds disseminate by their shape.

- dissemination
- reproduction
- plant cycle



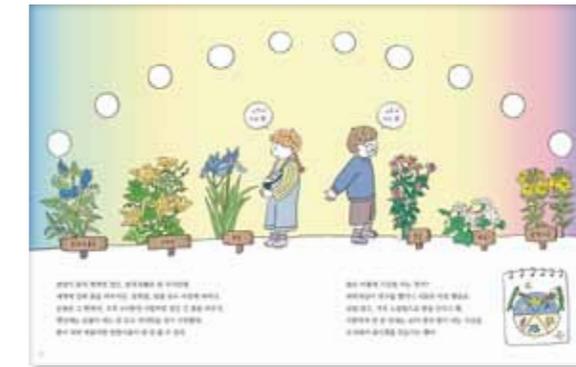
## Can Plants Feel? Can Plants Smell?

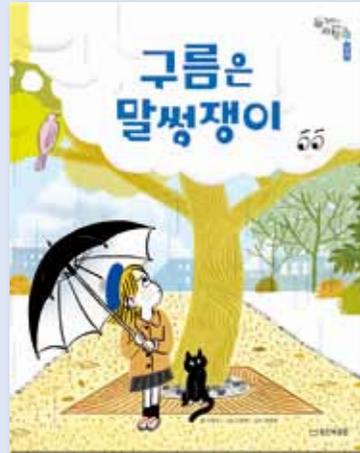
Written by Byeong-gil Jung  
Illustrated by Nan-cho Ann

Plants do a lot more things than we think. This book draws different evidence that proves plants can feel, smell and see. However, plants have not been hiding their abilities – people haven't been realizing these amazing abilities. Plants communicate with different plants to save from their prey, and some plants use their odors to chase them off. Read carefully through the book and look at your plants – your plants might be whispering something to you that haven't been noticing.



- plants
- experiment
- sensory abilities





## What Kinds of Clouds are There?

Written by Yeong-ju Lee  
Illustrated by Yoon-hee Lee

A little girl is upset as her picnic day turns out to be a dark cloudy day - and blames it all on the clouds. However, clouds claim their innocence as they are not the only ones to decide to create a cloudy sky. The little girl then meets Luke Howard, known as "Wizard of Cloud." who first classified clouds by their shapes. The little girl learns how clouds are formed and why they are essential part of our planet. Meet Luke Howard through this book and learn what kinds of clouds are out there, and how they affect the weather and climate!

- weather
- cloud
- scientist
- thunder

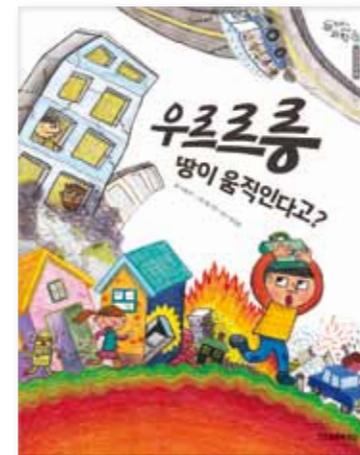
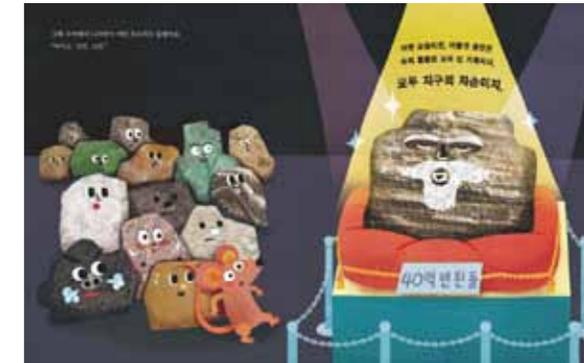


## A Night at the Stone Museum

Written by Jae-won Kwon  
Illustrated by Woo-Yeong Cho

Walk into the stone museum and meet 40 billion year old stone! Basalt, marble, and other thousands year old stone each have their own story of Earth of different period of time. Read through what these different stones has to tell us about the birth of our planet and how landforms are created.

- sedimentary rock
- granite
- metamorphic rock
- fossil



## Brr, Brrr Earth is Shaking!

Written by Dong-kyeong Shin  
Illustrated by Gi-han Hong

Did you know that Earth is unceasingly moving 24/7? But why can't we feel any movement at all? As this book illustrates different components of Earth, readers will learn how and why earthquakes are created and how we can survive from it.

- earthquake
- mantle flow
- continental plate



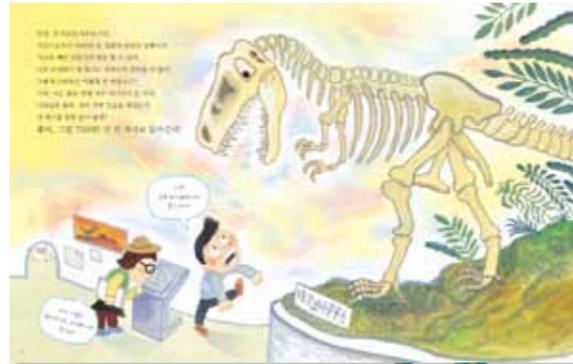


## The Story of Tarbosaurus

Written by Yong-i Park  
Illustrated by Kwang-ik Lee

Let's hear what Tarbosaurus says about his life who lived 70 million years ago. He tells about the day when he had gone for hunting Saichania, drowned, then ended up as a piece of fossil deep underneath the ground. Read through the book carefully and learn what Tarbosaurus has to say about what it was like living on Earth 70 million years ago and some eventful moments.

- key fossil
- dinosaur bone
- archaeology



## The Birth of Wings

Written by So-yeong Lee  
Illustrated by Kyeong-guk Lee

By any chance if you can have wings, what kinds of wings would you like to have? This book is all about wings – how wings were first created and what species of organism developed wings. Why do some animals have wings as other animals don't? Why don't we have wings? Readers will be amazed as they read through archaeopteryx, the ancestor of birds as it contains amazing stories of how birds evolved and developed wings for their survival.

- key paleontology
- wings
- extinct animals
- evolution

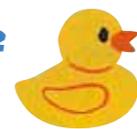


## Plastics, Their Past, Present and Future

Written by Eun-ju Kim  
Illustrated by Ji-won Lee

This book starts with a story of plastic toys that travel across the Pacific Ocean all the way to the Atlantic Ocean for months without breaking apart. How do plastic survive travelling across the ocean and remain as plastic, and why is this harmful to our environment? Did you know that plastic accounts a significant portion of waste in our planet? By reading through the life cycle of plastic, readers will think through their usage of plastic and how they can minimize usage of plastic to protect our planet.

- key pollution
- petroleum
- recycling



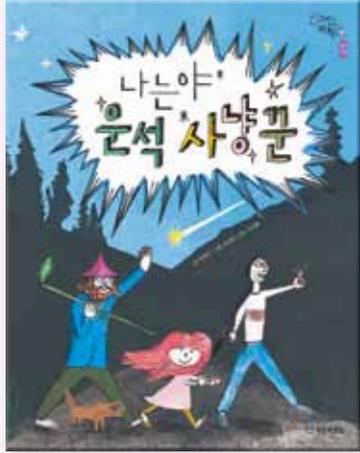
## Pigeons in the City

Written by Bo-yeon Hwang  
Illustrated by Joo-hyeon Lee

Why are pigeons so common in each city? This book tells every detail about a life of pigeons in the past and present in the city. Also it offers tips on living together with pigeons in harmony.

- key animals
- environment
- ecology
- pigeons



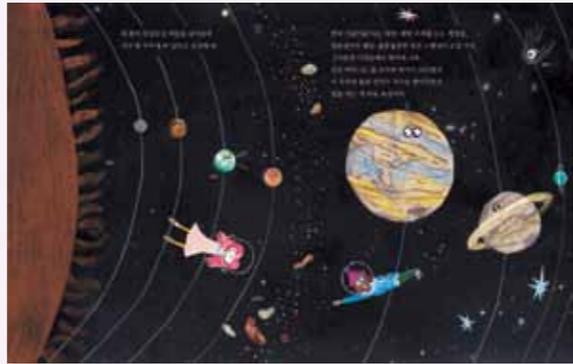


## We are Meteorite Hunters

Written by Yeong-ju Lee  
Illustrated by Jin-hwa Kim

Do you know where shooting stars come from? They start their journey from meteors, entering the thick layer of the atmosphere of the Earth, burning itself up in the midair, and finally landing on the ground. Three hunters are on a mission to hunt for these meteors from space. Follow along and read through a long journey of meteors from outer space! Also, learn what kinds of meteors are out there and what amazing stories they have! Is meteor strike really the answer to the extinction of dinosaurs?

- space
- meteorite
- asteroid
- micrometeorites
- shooting star



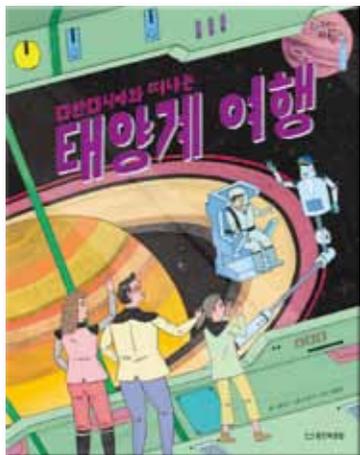
## Let's Explore the Moon!

Written by Forest of Nightowl  
Illustrated by Sang-in Kim

Before people landed on the Moon, there were different myths about it. Some people thought there are bunnies on the moon and some people thought there's an enormous pig that changes the shape of the moon. However, as people started landing on the Moon, people now know more amazing information about the it than ever. Follow along with these astronauts on a long journey to the moon and find out what it would be like to be walking on it and spending time in it! Also, picture what future of the Moon will be like!

- space
- moon
- craters
- rocket
- Apollo 11





## Smartean's Tour to Outer Space

Written by Dong-kyeong Shin  
Illustrated by Jun-gu Noh

Hop on Spaceship Odyssey and start an amazing tour of our Solar System! Stop over at each of the planets and other places that compose our Solar System. How many planets are out there and what are their different characteristics? What would it be like to live in different parts of Solar System other than Earth?

astronauts solar System  
space exploration



## Constellation Shining in a Dark Night

Written by Yeong Kim  
Illustrated by Hanna Lee

Have you ever looked up in the dark night sky and seen constellation? Different constellation have their own different stories and history. Let's read about the story of the Big Dipper, the North Star and other many amazing stars in the sky!

space constellation  
celestial navigation



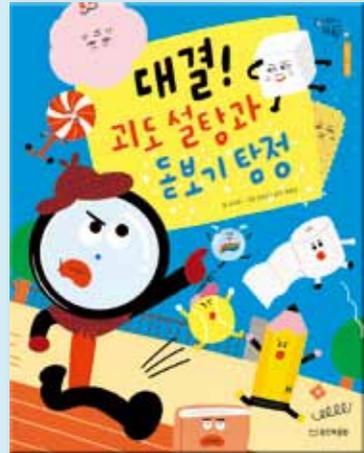
## Everything Falls Down

Written by Eun-hee Lee  
Illustrated by Kyeong-guk Lee

Aren't you annoyed when your ice cream falls flat on the floor? Why do ice cream fall down, not upward? Why does gravity pull us down toward the ground and what would the world be like without it? This book tells everything about gravity and how our lives are affected by it. Also, children will learn the difference of gravity of different objects. Do all planets in our solar system have the same gravity? What has the most powerful gravity and what has the weakest?

space gravity weight  
black hole

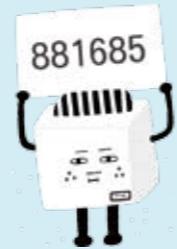




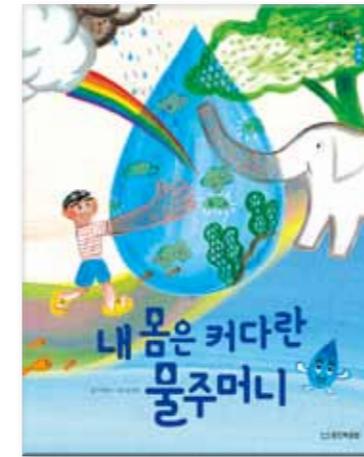
## Magnifying Glasses, the Detective VS Sugar, the Thief

Written by San-ho Oh  
Illustrated by Il-kyeong Kim

Where there are unsolved mysteries, there's our hero Mr. Detective Magnifying Glasses! He runs everywhere in the classroom and solves all problems of different stationaries in the classroom. Who's responsible for the injured eraser and who's the suspect for the poisoned drinks for the party? And who is the big bad guy causing all these trouble? Detective Magnifying Glasses uses his scientific knowledge and solves each mysteries in the classroom. How will his scientific knowledge be used? As readers read through the book, not only they learn different substances and chemical properties, but will also join Detective Magnifying Glasses in solving unsolved mysteris.



- substance
- melting point
- acidity
- alkalinity
- buoyancy



## I am a One Big Water Balloon!

Written by Eun-hee Lee  
Illustrated by Sun-beom Song

Did you know that you are a one huge water balloon? That is because every single cell in your body is microscopic water balloon and we are composed of them! Why is water so important for our body? This book illustrates how our body use water. Furthermore, readers will also learn how different creatures use water to sustain life.

- liquid
- cells
- ocean
- vital substance



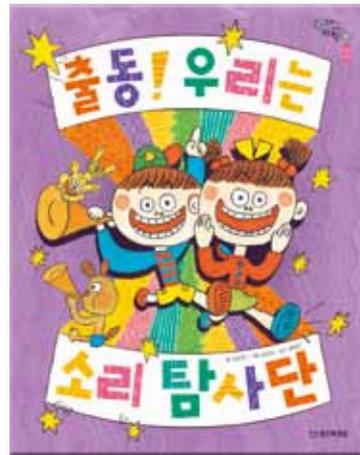
## Air Around Us

Written by Sun-hwa Lim  
Illustrated by Hyeon-suk Cho

What comes in and out of your nose non-stop? Air! Although air is invisible, it is the most essential element to sustain life. Through fascinating experiments presented in this book, readers will not only experience the existence of air, but will also learn what air can do.

- air
- lung
- respiratory system
- breathing
- atmosphere





## Let's Go to the Universe of Sounds

Written by Soon-han Kim  
Illustrated by Yoo-dae Kim

What would it be like if we can see and touch all sounds around us?  
Did you know that some animals make sounds that people don't notice?  
This book presents interesting facts on sounds.  
Readers will learn different characteristics of sounds and how sounds are measured by different devices.  
In addition, readers will read about inaudible sounds of animals.



- vibration
- structure of the ear
- oscilloscope
- decibel
- ultrasonic waves



## Tell Me Everything, Dr. Noodle

Written by Eun-ho Park  
Illustrated by Gyu-taek Kim

Do you know the secret of why we can cook instant noodle in just five minutes? There are a lot of hidden science inside the noodle that not a lot of people know about.  
What are hidden science codes inside the noodle?  
This book presents how we can use science to cook the most delicious noodle.

- instant noodle
- ingredients
- nutrition
- heat conductivity

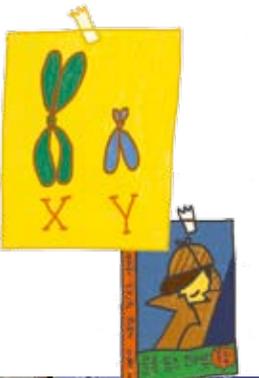


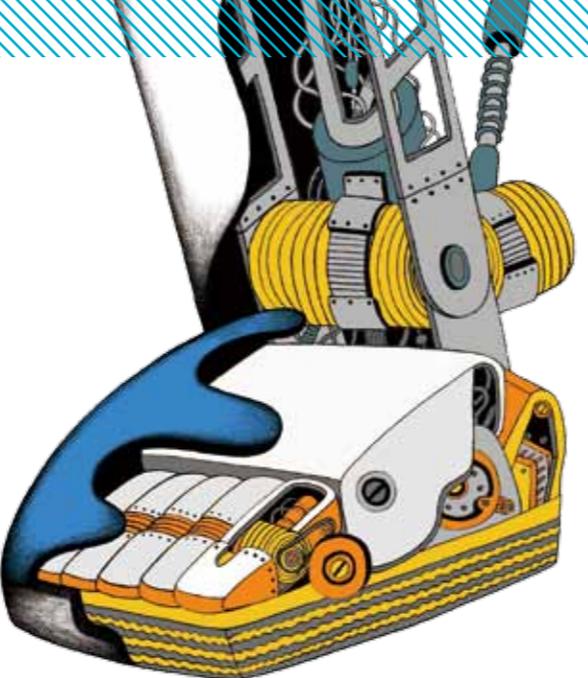
## Investigation Report of Sir. Cough Holmes

Written by Su-ju Kim  
Illustrated by Ji-hee Son

Follow along Sir. Cough Holmes as he investigates through crime scenes!  
How does science help crack the code of crime and how does Sir. Cough Holmes use science?  
Sir. Cough Holmes is currently on a mission to find out who broke into the jewelry store in town. Analyze different evidence through modern technology and find out who the real thief is!

- forensic
- fingerprints
- footprints
- chromatography
- DNA genetic test





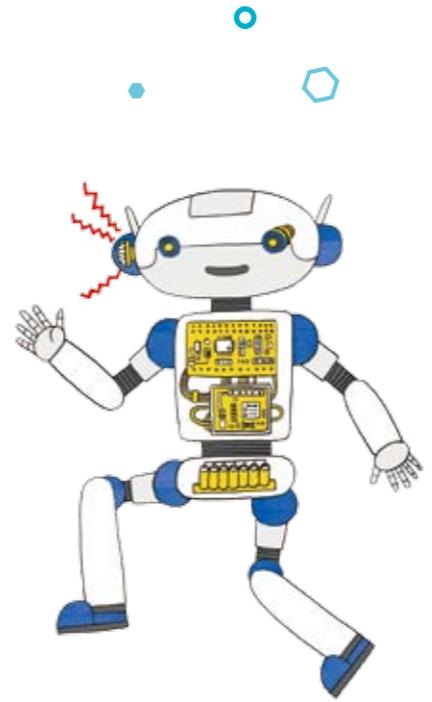
### Let's Make Robots!

Written by Ho-kwan Go  
Illustrated by Eun-sun Choi



In near future, we might be kicking soccer balls with robots. How would this be possible? That is because robots resemble human in various parts! Learn how robots function and how various people from various fields - designers, engineers and computer programmers are involved in manufacturing humanoid robots.

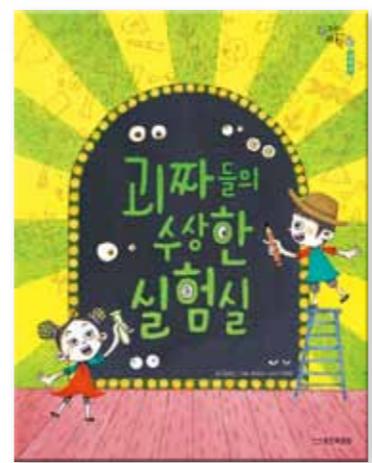
- robot
- programmer
- sensors
- motors



### Confidential! Suspicious Laboratories of Geeky Scientists

Written by Eun-ah Kwon  
Illustrated by Ho-jin Han

Let's meet the five of the most geeky scientists of all in the history. Andreas Vesalius, who wrote the most influential books on human anatomy, had a bad reputation for stealing dead bodies from graves. Read more about their unbelievable stories of Charles Darwin, Marie Curie and two others, and learn how they made remarkable accomplishments in the science history.



- science
- scientists
- scientific accomplishment





## Guard the Chief from the Aliens!

Written by Dong-myeong Park, Jae-hoon Choi  
Illustrated by Su-hyeon Kim

Save the Chief, save the Earth!  
The Chief's body is under the aliens' invasion that tries to take over the entire planet!  
Agent Spring and Agent Fire journey through the Chief's intestines and different internal organs to throw out the evil villains! Journey along with these two brave heroes through brain, heart, blood vessels, and lung, and find out what how these organs are controlled!



body systems anatomy organs body



## Run! 10 Sec. to a Volcanic Eruption!

Written by Dong-myeong Park, Jae-hoon Choi  
Illustrated by Su-hyeon Kim

BREAKING NEWS!  
A group of Camping Panda Aliens erupts a volcano to create their own hot spring for their spa holiday.  
Can Agent Fire and Agent Marine stop these hideous Panda Aliens that try to erupt a volcano that cause multiples of damage?  
What kind of damage can an volcanic eruption cause?  
Will the eruption only leave damages?



volcanoes landforms hot spring caldera geyser



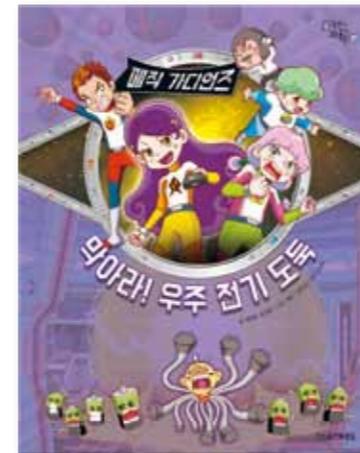
## Save the Ocean, Save the Earth!

Written by Dong-myeong Park, Jae-hoon Choi  
Illustrated by Su-hyun Kim

Frog Aliens invade our planet to transfer all the sea water to their planet!  
Join Agent Marine and Agent Volt, and travel through submarine ridge and continental shelf to find a key to stop these evil aliens.  
Discover different landforms underneath the ocean and learn why we can't let these aliens steal our precious sea water from us.



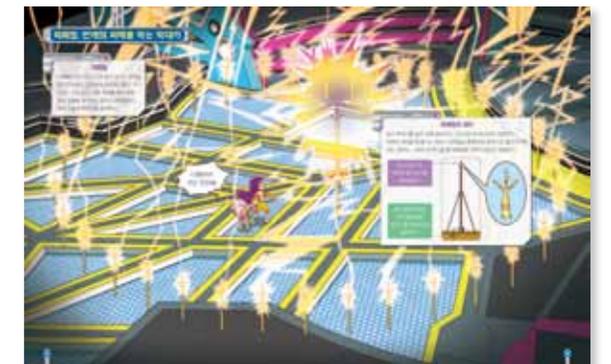
ocean continental shelf life in ocean submarine ridge



## Stop the Electricity Thief!

Written by Dong-myeong Park, Jae-hoon Choi  
Illustrated by Eun-jung Jung

An evil alien Electra invades Earth and robs entire electricity for his own! Agent Spring and Agent Volt stand up against Electra to gain back all the electricity.  
Fight with Agent Spring and Agent Volt and save the world!  
Fly through the circuit lines and discover how electricity is created - as these knowledge may be clue in destroying Electra.



electricity conductor battery solar power

## Creating your very own science encyclopedia

The best adventures of science can happen right here in these four factivity books full of exciting activities!

Prepare to pour all your scientific knowledge out in these thrilling four books and create your very own science encyclopedia.

This set of four factivity books provides fun way of reviewing all scientific facts the readers have read through in ALL AROUND SCIENCE as each book contains various activities such as maze, puzzles, stickers, drawing, and coloring that naturally improves scientific knowledge that are all covered in 36 science picture books.



## Activity: My Body

Written by Mi-yeong Kwak  
Illustrated by Hye-in Choi

Review how our body functions and how each organs work with another organs.

- Eyes, Ears and Nose
- Bones, Muscles, Hair and Skin
- Different Body Systems



## Activity: Earth & Space

Written by Nan-ji Kim  
Illustrated by Sang-in Kim

Travel though Earth from inside to outside and all the way to outer space! Complete different cycles on Earth and place each planets where they belong.

- Characteristics of Earth
- Elements of Earth
- Weather and Atmosphere
- Space: Moon, Stars, and Space Ship

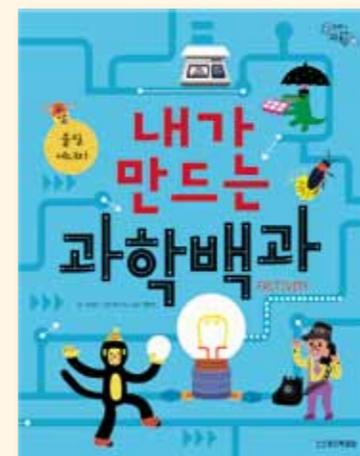


## Activity: Animals & Plants

Written by Mi-yeong Kwak  
Illustrated by Yeon-ok Park

Children have read about different organism and how they survive in their own habitat. Place each animals where they belong.

- Different Organism and Their Habitat
- Characteristics of Living Organisms
- Structural and Behavioral Adaptions of Living Organism

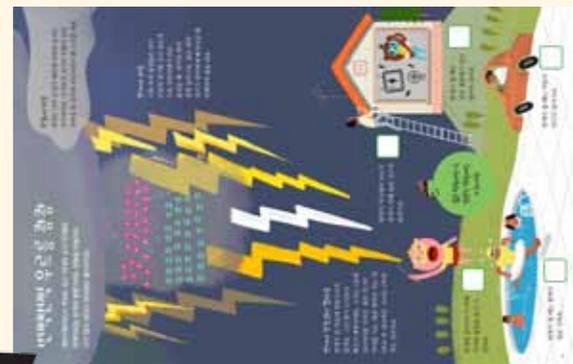


## Activity: Substance & Energy

Written by Ji-yeon Seo  
Illustrated by Soo-ji Park

How does water change its form? How do air balloons float? What color is light? These questions have already been answered in science picture books. Accomplish each activities in each spread and complete each blanks.

- Solid, Liquid, and Gas
- Force and Mass
- Light
- Electricity





Memo

Contact Information 

**Woongjin Think Big Co., Ltd.**  
20 Hoedong-gil, Paju-si  
Gyeonggi-do 10881 Korea  
✉ [rights@wjt看.net](mailto:rights@wjt看.net)