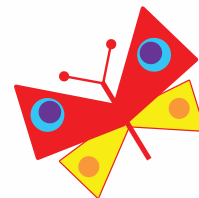
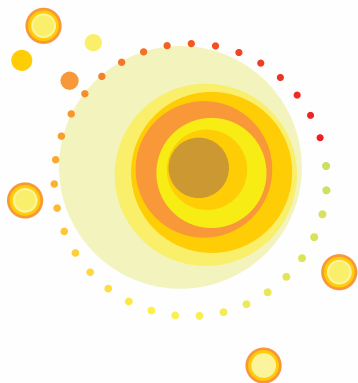




CHILDREN'S BOOK CATALOGUE

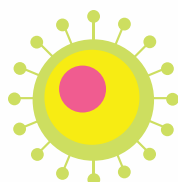
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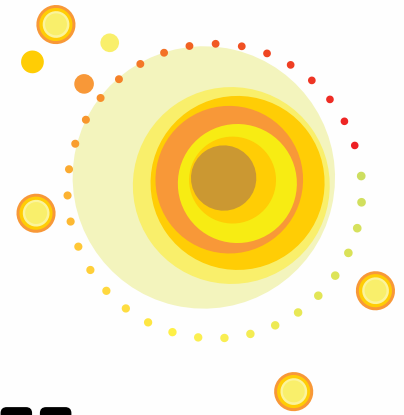
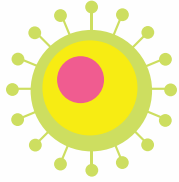


Publish with TERI Press

The Energy and Resources Institute (TERI) is actively involved in raising awareness on various environmental issues in general, and sustainability, in particular. To educate young minds and stimulate them towards growing up as conscientious future green citizens, TERI Press (the publishing arm of TERI) has published a large number of titles for young readers in the age group of 3-15.

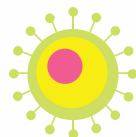
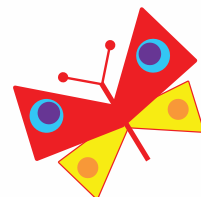
We invite proposals and manuscripts from academics, freelance authors, and professional authors for our children's books publishing programmes. Prospective authors may send a short synopsis of the publishing proposal, along with a brief résumé to teripress@teri.res.in. On the subject line of the e-mail, please mention 'Proposal/Manuscript for Junior Science Division'.





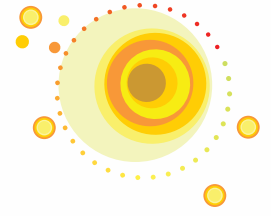
Introducing TERI Press

TERI Press is the publishing arm of The Energy and Resources Institute (TERI), a premier research institute in the areas of energy, environment, and sustainable development. Over the years, the Press has metamorphosed into a world class publisher of books, journals, and magazines, ranging from reference titles to popular and general interest books. In an initiative towards educating young minds on environmental issues, TERI Press has launched a large number of titles for children. Extensively researched and beautifully illustrated, these books cater to a wide range of age groups, from the very young child to the young adult. These books aim to educate and stimulate students and make them conscientious individuals who can grow up to be future green citizens.





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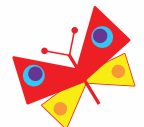




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50 FAQs

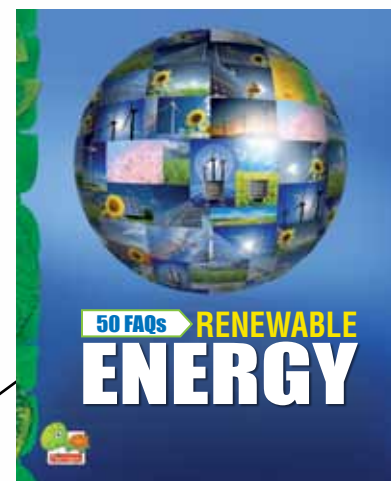
Which country emits the largest quantity of carbon dioxide? Why is compressed natural gas (CNG) considered to be an environment-friendly fuel? Which chemicals pollute water the most and where do they come from? Using a simple question-answer format, this series will shed light on 50 of the most frequently asked questions on various hotly debated issues related to the environment.

Titles in the series

- 50 FAQs on Air Pollution ▪ 50 FAQs on Water Pollution
- 50 FAQs on Climate Change ▪ 50 FAQs on Global Warming
- 50 FAQs on Renewable Energy

Specifications

- **Age group** 8-12 years
- **Size** 180×240 mm
- **Format** Paperback
- **Pages** 48 pp

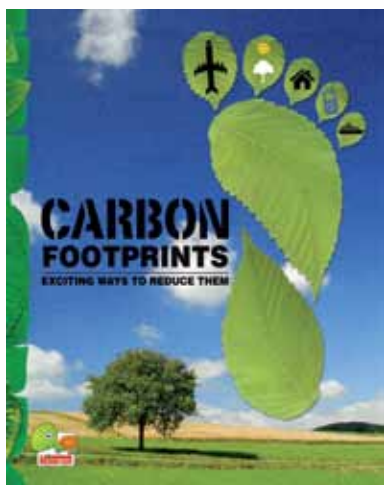


CARBON FOOTPRINTS EXCITING WAYS TO REDUCE THEM

This book explains the concept of carbon footprints, taking examples of everyday products like cheese burger, chocolate bar, a pair of jeans, or train from New Delhi to Mumbai. Informative and entertaining, the book provides a world of eye-opening knowledge to young readers.

Specifications

- **Age group** 12-14 years
- **Size** 180×240 mm
- **Format** Paperback
- **Pages** 56 pp



CARING FOR NATURE

Author: **Subhadra Sengupta**

Written by one of the most prominent authors for children and young readers today, this set of titles deals with historical figures from India who loved nature and consciously worked to preserve the environment. Each story is told in an easy-flowing fiction format, and is complemented by beautiful illustrations.

Titles in the series

- King Ashoka ▪ Mahatma Gandhi ▪ Rao Jodha ▪ Rabindranath Tagore

Specifications

- **Age group** 8-12 years
- **Size** 180×240 mm
- **Format** Paperback
- **Pages** 24 pp

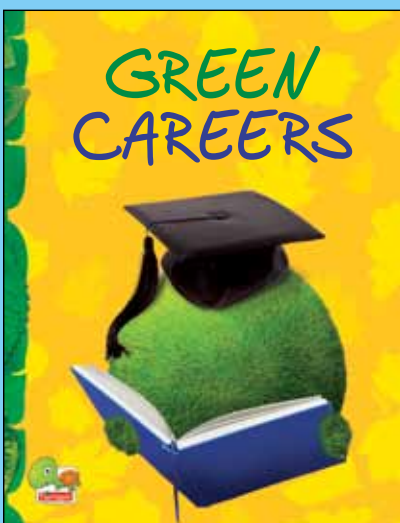
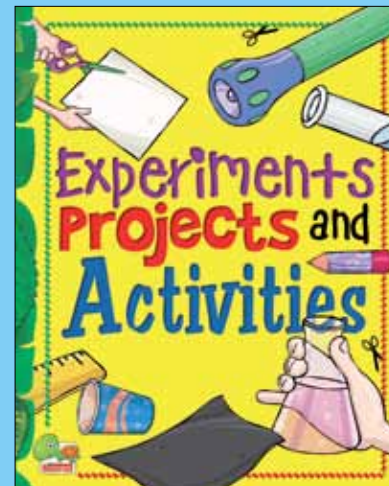


ECO-EXPERIMENTS, PROJECTS, AND ACTIVITIES (1 & 2)

The books are a rich resource that help in understanding the natural environment through experiments and activities related to air, water, soil, energy, plants, and animals. These activities promote the idea of eco-friendly lifestyle like use of solar power, reusing and recycling waste materials, and energy conservation. Projects connect the students to the local environment, for example, growing local plants and trees, building feeders, planter boxes, bird baths, bat houses, birdhouses, and ponds—all with the focus of working with nature to sustain the environment.

Specifications

- **Age group** Level 1: 8–12 years
- **Age group** Level 2: 12–14 years
- **Size** 180×240 mm
- Paperback
- 64 pp



GREEN CAREERS

As we gradually move towards a 'green' economy, new avenues of employment are opening up for today's youth. This book explains what it takes to be an environmental lawyer, climate-change specialist, green interior designer, energy auditor, conservation biologist, sustainability consultant, eco-tourism specialist, smart grid engineer, hydrologist, solar operations engineer, or wind analyst. It also focuses on the opportunities presented by each of these emerging careers.

Specifications

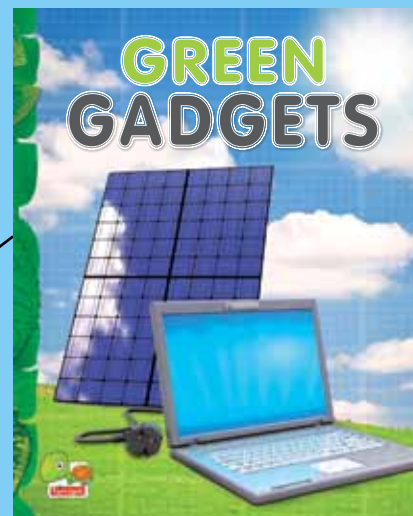
- **Age group** 12–16 years
- **Size** 180×240 mm
- Paperback
- 48 pp

GREEN GADGETS

While gadgets have made our lives easier in many ways, they have also led to the emergence of critical issues like e-waste. This book shows how our ever-increasing demand for the next, better, and more advanced gadget can still be met without compromising on the environment. Explore the 'three Rs' of green gadgetry, learn about Energy Star and carbon footprints, find out how to save energy on your latest mobile phone or iPad, and discover how to choose environment-friendly gadgets.

Specifications

- **Age group** 12–15 years
- **Size** 180×240 mm
- Hardback
- 64 pp



GREEN GENIUS GUIDE

This series is a practical guide that aims to make your children environment-friendly in their everyday life. Green Genius, the environment enthusiast, shares practical tips and encourages hands-on application of information as children are acquainted with ways in which they can save the planet.

Titles in the series

- Green your home ▪ Green your school
- Green your neighbourhood ▪ Green your shopping trip

Specifications

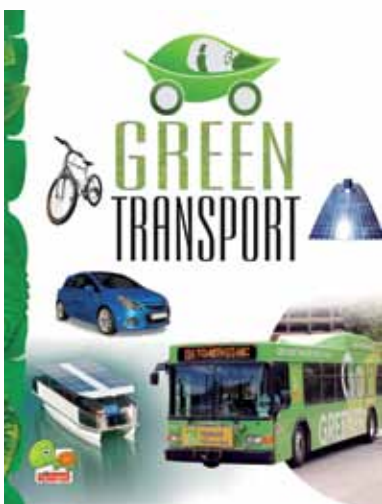
- Age group 5-7 years
- Size 180×240 mm
- Paperback
- 16 pp



GREEN TRANSPORT

Author: Rani Iyer

The transport sector is a major contributor of greenhouse gas emissions across the world. Hence, the search for alternative transport that is clean and green has been on for quite some time. The book looks at the history of green transport, the options available, and future prospects.



Specifications

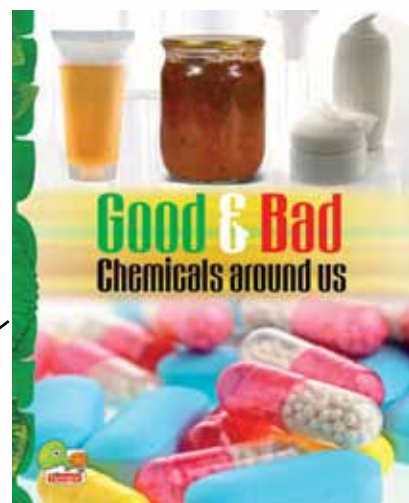
- Age group 12-14 years
- Size 180×240 mm
- Hardback
- 120 pp

GOOD AND BAD CHEMICALS AROUND US

Chemicals are all around us. Everything in this world is made up of chemical elements. Our bodies contain chemicals, so do our food, medicines, soaps, and creams. Not all chemicals are bad. There are good chemicals that can keep us healthy, and there are bad chemicals that can do the opposite. Some chemicals also harm the environment. Investigate the world of chemicals and identify the good, bad, and the ugly!

Specifications

- Age group 12-14 years
- Size 180×240 mm
- Hardback
- 120 pp





LEARNING ABOUT ANIMALS

Author: **Eman Chowdhary**

This series introduces children to the environment through simple, fun-filled activities—join the dots, puzzles, games, paper pasting, and handicraft. Simple facts, tips, and tricks make the activities fun and educative as well. Use of old, discarded materials is stressed to promote the concept of recycling and reuse.

Titles in the series

- Animals ▪ Birds ▪ Flowers ▪ Plants ▪ People & Places

Specifications

- Age group 6-8 years
- Size 180×240 mm
- Paperback
- 24 pp

THE AMAZING JOURNEY

This series introduces everyday life objects to children—such as the food they eat, the various inventions they take for granted and use—and tells the often amazing stories related to them. Packed with information and illustrations, the books will take children on a journey, at the end of which they will assimilate the fact that like the trees, animals, and flowers they love, they too live in an ecosystem.



Titles in the series

The Amazing Journey of:

- Potato ▪ Tea ▪ Paper ▪ Coal ▪ Rubber
- Coffee ▪ Trains ▪ Rice ▪ Pepper

Specifications

- Age group 6-8 years
- Size 180×240 mm
- Paperback
- 24 pp (Story of Trains will be 48pp)

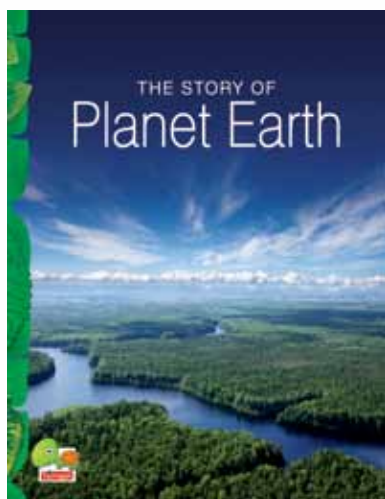


THE GREAT GARBAGE PATCH

What happened when a thick blanket of fog covered London for four days in December 1952? How did a white mist sprayed over cashew trees change the lives of the villagers of Kasargod in north Kerala for the worse? Why do the people of Bathinda in Punjab call train no. 339 the 'cancer train'? *The Great Garbage Patch* will ask the readers to think about the unintended—sometimes accidental—effects of aspiring for a consumption-packed lifestyle. Written in an easy, storytelling manner, this book narrates true-life stories, drawn from both past and present, of pollution or accidents caused by lifestyle choice.

Specifications

- Age group 8-12 years
- Size 180×240 mm
- Hardback
- 72 pp



THE STORY OF PLANET EARTH

When was our planet formed? When did life appear? How do we study the past, and what does it tell us? This book takes the young reader back in time to discover the most important events and stages in the development of the Planet Earth—from its formation 4.6 billion years ago to its present form.

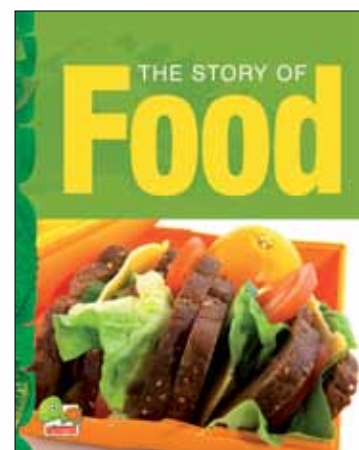
Specifications

- Age group 12–14 years
- Size 216×280 mm
- Hardback
- 72 pp

THE STORY OF...

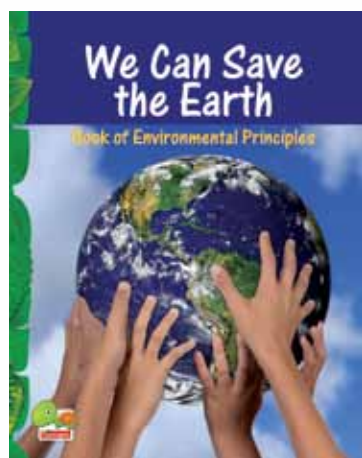
- Food
- Transport
- Paper
- Computer
- House
- Clothes

Where does the bread on our plate come from? How do we make paper from trees? And what materials are needed to make your computer, car, or your house? Are we harming our planet in making these things that we need in our daily life? How can we avoid this? This series takes you through the processes that take place behind the products we use and their impact on our planet.



Specifications

- Age group 6–8 years
- Size 180×240 mm
- Paperback
- 24 pp



WE CAN SAVE THE EARTH BOOK OF ENVIRONMENTAL PRINCIPLES

A simple guide to help young children become more aware of the state of the environment and the problems. From planting a tree to recycling old toys, from rejecting plastic bags to conserving water, each idea leads towards greater environmental sensitivity.

Specifications

- Age group 8–12 years
- Size 216×280 mm
- Hardback
- 72 pp

WHY SHOULD I RECYCLE?

Author: **Aanchal Broca Kumar**

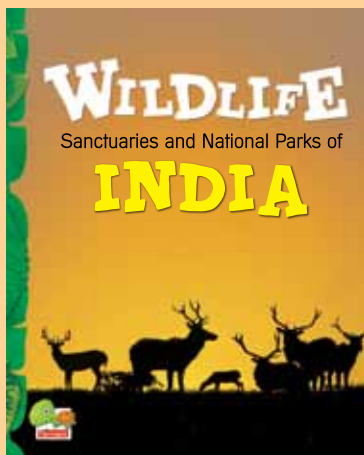
Recycling means taking materials from discarded materials and making new products from them. Did you know that glass can be recycled over and over again? That recycling an aluminium can saves 95 per cent of energy? What other materials can be recycled and how? Learn all about recycling and let this book guide you towards making recycling an effortless routine.



Specifications

- **Age group** 6-8 years
- **Size** 180×240 mm
- **Hardback**
- **48 pp**

WILDLIFE SANCTUARIES AND NATIONAL PARKS OF INDIA



Did you know that the idea of a game sanctuary originated in the 1920s as a response to the indiscriminate killings that wild animals were subjected to at that time? Today, there are over 200 wildlife sanctuaries in India, out of which over 100 are national parks. This book offers an overview of some of the more prominent ones. Divided state-wise, it focuses on the history, development, extent, flora and fauna, and the various conservation measures in place in each of the national parks and wildlife sanctuaries featured between its covers.

Specifications

- **Age group** 12-15 years
- **Size** 216×280 mm
- **Hardback**
- **120 pp**

THE NATURAL WONDERS OF INDIA

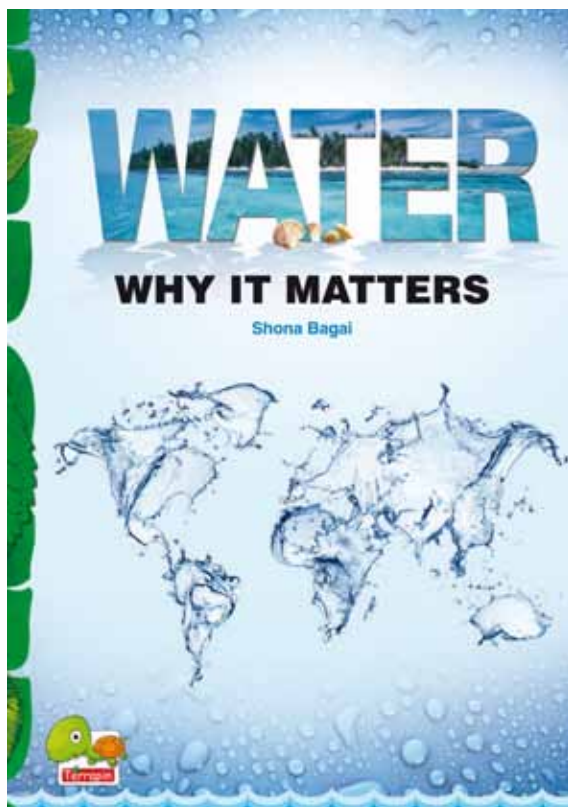
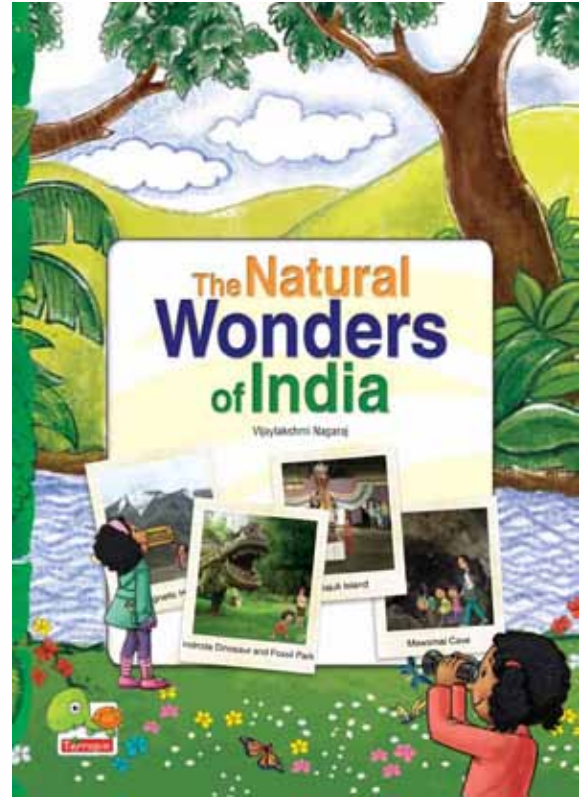
Author: **Vijaylakshmi Nagaraj**

India is not just a beautiful land of green vegetation and varied wildlife. It is home to many Natural Wonders too. There are many spectacular areas, such as lakes, mountains, and caves, which were discovered over time. Visit these awe-inspiring creations of nature with the twin sisters Reva and Sarayu, who embark on a wonderful journey through the Magnetic Hill in the snow-clad North to the lush, green beauty of the Cardamom Hills in the South, from the mysterious Meghalaya caves in the East to the Lonar Crater Lake in the West, and so on. Read The Natural Wonders of India to unravel the mystery about 10 such fascinating places.

Age group
6-8 years

Specifications

- Size 178×241 mm
- 48 pp
- Paperback



WATER: WHY IT MATTERS

Author: **Shona Bagai**

This book takes an in-depth look into the different aspects of water on Earth, as well as underneath and above it. It features some of the innovative technologies associated with water, and highlights what each of us can do to save this precious resource. The book also makes us ponder by asking some relevant questions. For instance, is it a good thing that India is among the top 10 bottled water consumers in the world? Or that according to UN estimates, India is on the list of 48 countries that will face water scarcity by 2025? Slake your thirst of knowledge about this "liquid of life" by diving into these pages full of wonderful images, thought-provoking facts, and astonishing trivia.

Age group
12-14 years

Specifications

- Size 178×241 mm
- 72 pp
- Hardback

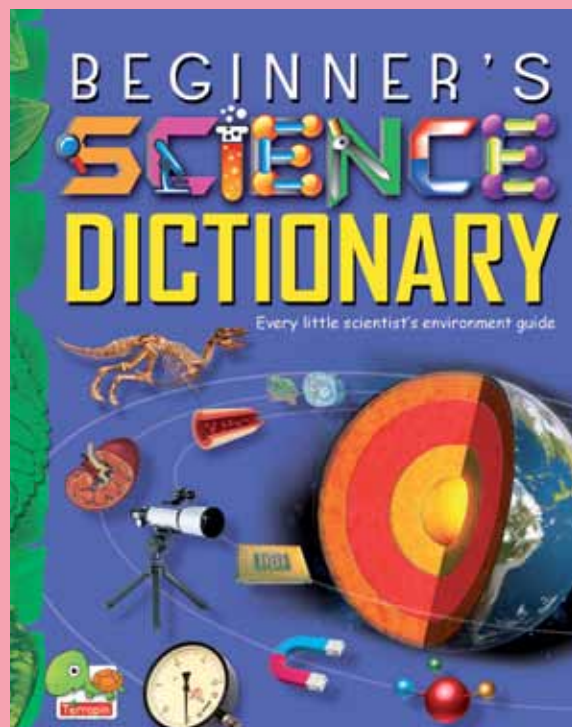
BEGINNER'S SCIENCE DICTIONARY

The Beginner's Science Dictionary offers exhaustive, yet simple explanations for scientific terminology. With definitions that are precise and easy to understand, this is a handy reference for young students seeking clarity on complex scientific terms.

Age group
11-14 years

Specifications

- Size 180×240 mm
- 72 pp
- Hardback



PROTECTED ANIMALS OF INDIA

Author: **Sanjay Sondhi**

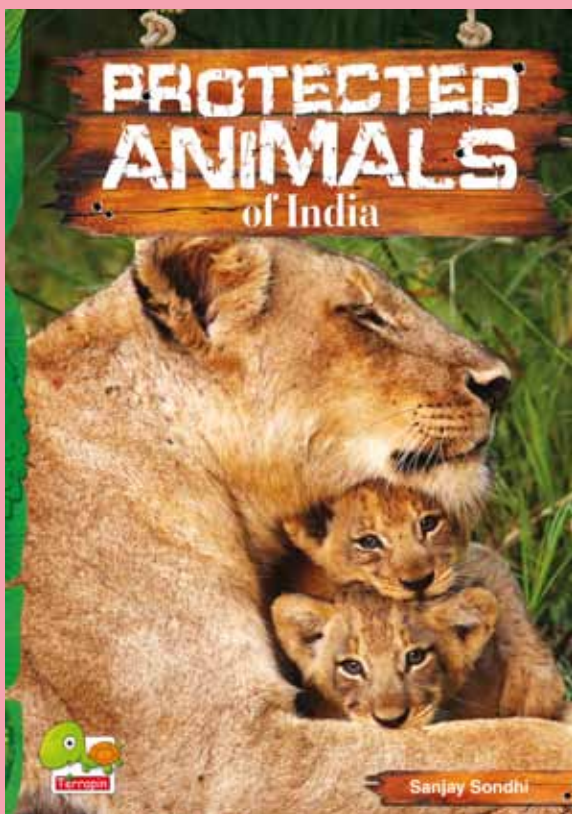
India's wildlife is facing innumerable threats. The last surviving population of the Asiatic lion, an animal once widespread in the country, is concentrated today in a small pocket of Gujarat. The Indian bullfrog finds itself on the menu card in many restaurants of Goa, while the Himalayan monal, the state bird of Uttarakhand, has been hunted for its colourful crest.

This book features some of the known and less-familiar, mammals, birds, insects, reptiles, amphibians, and other animals that are now 'protected' in India. It also relates several successful conservation initiatives and focuses on a number of organizations involved in wildlife protection in the country. Through this book, we hope, we can interest you to do your bit to save India's depleting biodiversity!

Age group
12-14 years

Specifications

- Size 184×241 mm
- 120 pp
- Hardback



CIRCLE OF LIFE

Authors: Cathryn Conolly, Vijita Mukherjee

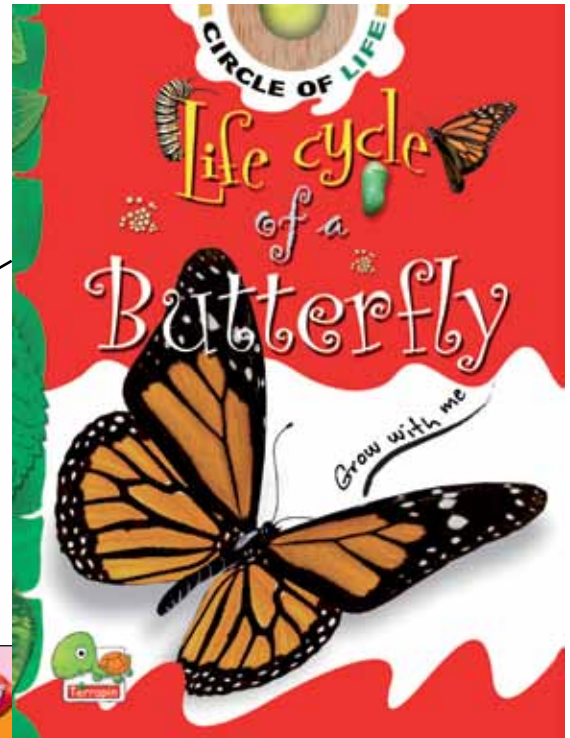
How does a bunch of tiny eggs change into a beautiful butterfly? What happens to a tadpole's tail when it grows into a frog? How does a baby whale drink its mother's milk to grow big and strong? Who looks after the elephant calf? When does a joey leave its mother's pouch? There's a lot of love, care, and magic in nature's circle of life. Read on...

- Titles in the series**
- Life Cycle of a Butterfly
 - Life Cycle of a Kangaroo
 - Life Cycle of a Frog
 - Life Cycle of a Whale
 - Life Cycle of a Penguin
 - Life Cycle of an Elephant

Age group
5-8 years

Specifications

- Size 180×240 mm
- 16 pp
- Paperback



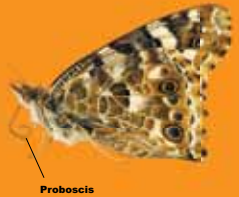
Beautiful butterflies

Butterflies make for a very pretty sight—bright and colourful! Like most insects, they have six legs, and their body can be divided into three parts—head, thorax, and abdomen.



Butterflies can fly at a speed of up to fifty kilometres per hour.

The butterfly has four wings—two larger forewings and two smaller hindwings. If you look closely, you will notice that the wings are covered with tiny coloured scales. It is these scales that make the butterfly so colourful.

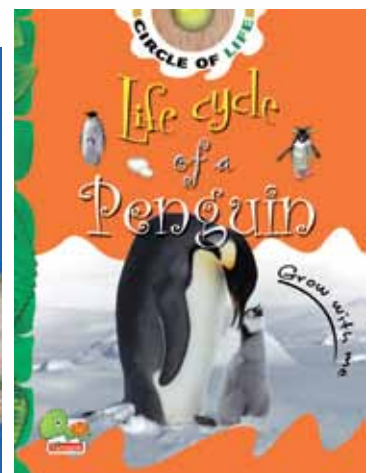
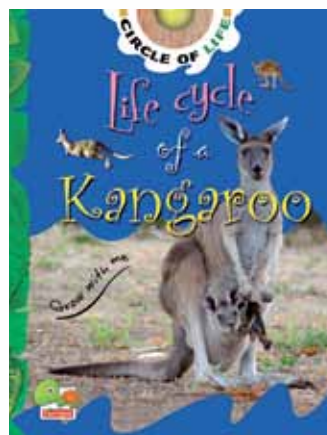
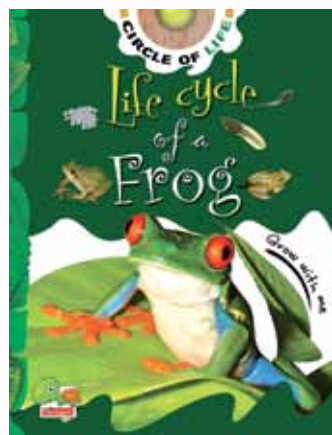
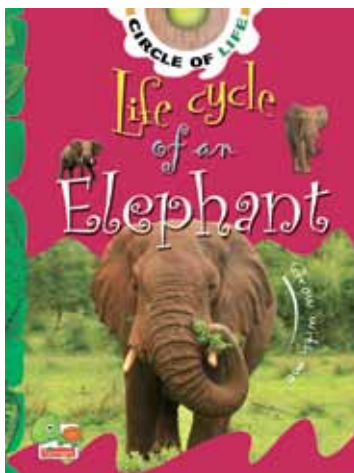
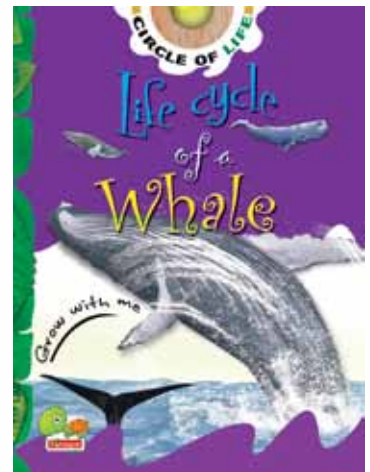


Let's find out More..

Instead of a mouth, a butterfly has a long, slender tube-like structure called proboscis. The proboscis is used to suck nectar and pollen from flowers.

TAKE CARE

The surface of a butterfly's body is covered with a wax-like layer that protects it from water, just like a raincoat.



DESIGNED TO SURVIVE

Authors: **Shona Bagai, Moen Sen**

Why do parrots have hooked beaks? Why do tigers have stripes on their bodies? What are claws made up of? Explore the magical world of animals, birds, and fish and discover why they are built the way they are.

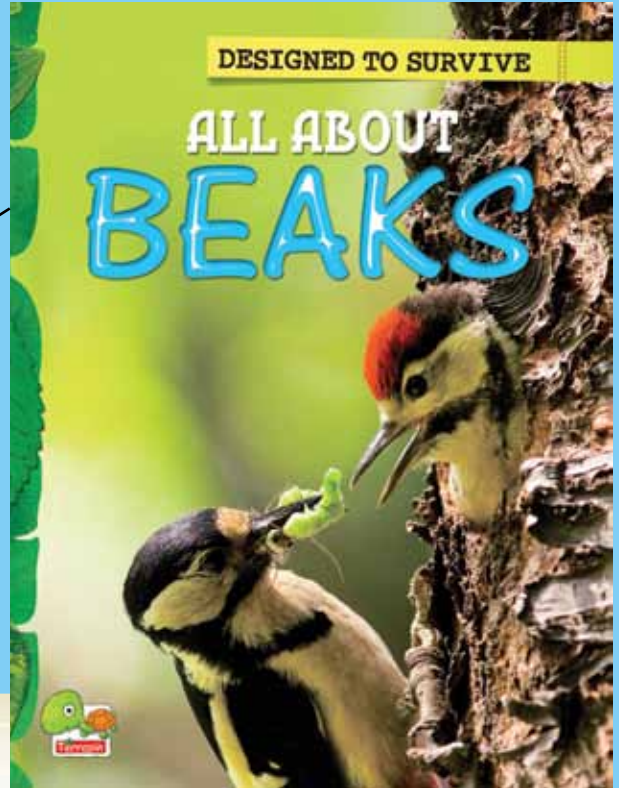
Age group
5-8 years

Specifications

- **Size** 216×280 mm
- 24 pp
- Paperback

Titles in the series

- All About Beaks
- All About Claws
- All About Fins
- All About Skin
- All About Tails
- All About Teeth



GREAT GATCH!

The bright blue-green kingfisher is a small, fat bird with a long, straight, pointed beak. A patient bird, the kingfisher can often be seen sitting on a branch for hours, near a pond, canal or lake. As soon as it spots a fish, it dives straight into the water and uses its beak like a spear. Then it flies back, coming out of the water beak first, with its prey held tightly in its beak.

Once it returns to the branch, the bird starts beating the fish against the branch till it dies. Then, the kingfisher swallows it, head first. The 'king of fishers' also uses its beak to catch tadpoles, frogs, insects, small snakes, and crabs.



The kingfisher has a short neck, large head, and a long beak.



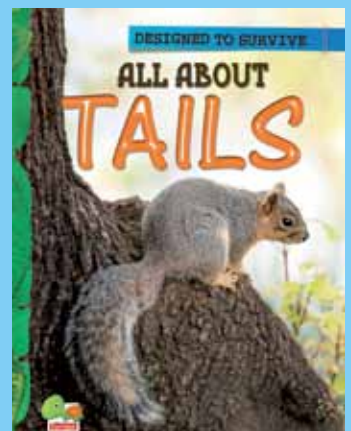
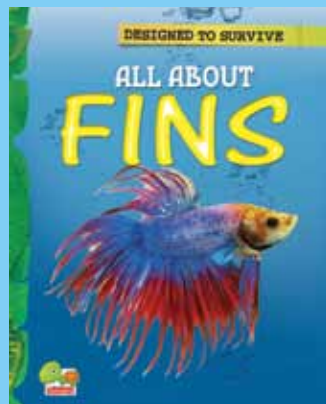
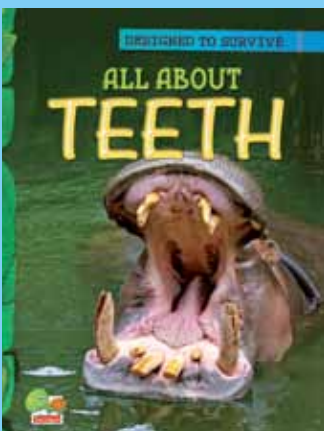
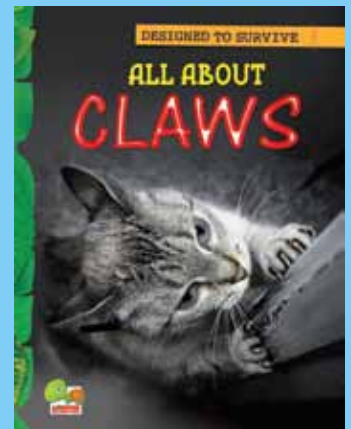
The kingfisher builds its nest in holes in the ground or in trees. It uses its beak to dig a tunnel in the mud, while pushing out dirt with its feet. Once the tunnel is built, the male and female kingfishers fill the nest with fish bones. Both the parents feed their young by holding small pieces of food in their beaks.

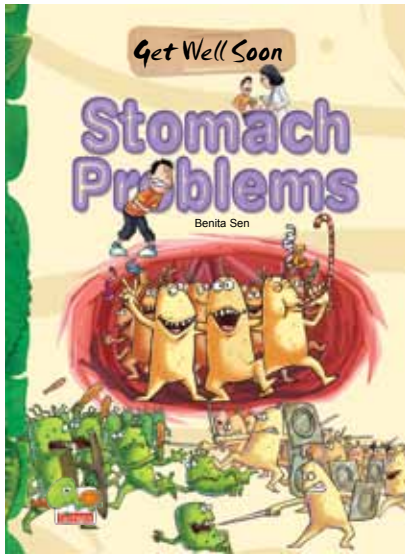
If another kingfisher comes near a kingfisher's nest, a fight begins with one bird catching hold of the other's beak and trying to push and hold it under water.

Beak board

Many of the super-fast Japanese bullet trains are designed to look like a kingfisher's beak.

18-19





GET WELL SOON

Author: **Benita Sen**

This series helps children understand their common ailments in an interesting way. While explaining the bugs that cause so much misery in the form of cough, cold, fever, aches, and so on, the books also explain ways to avoid these. The simple, fun-filled format makes the books informative as well as fun to read.

Age group
6-8 years

Specifications

- Size 180×240 mm
- 24 pp
- Paperback

GERM ALERT!



Stomach cramp is a sharp pain around your navel or lower down your tummy.

How do you know your stomach is not well? It lets you know in different ways. When your stomach is attacked by germs, it cries out for help. These germs remain hidden in the food you eat or in the water you drink. And when they attack, they cause a sharp pain around your navel or lower down your tummy.

This pain is called a cramp. It is so sharp that you will probably clutch your stomach and bend forward.

At other times, germs can attack suddenly, and your stomach might not get the chance to warn you.



Some stomach problems make you rush to the toilet.

RHYMEY TUMMY TIME

Ouch! Help! Ouch! Mummy...
I heard my tummy-tum cry,
My stomach's very dear to me
If it's hurt, so am I!

That is when you will want to run to the toilet, and pass a plug-your-nose smelly, watery poo. The doctor gives poo another name: stool.

Some germs in your stomach can make you feel like throwing up your last meal. Even after all the food in your stomach seems to have come out, you may still feel like vomiting, and throw up water.

As soon as any one of these three problems—stomach cramps or running to the toilet or throwing up what you ate—starts, it is time to tell your parents that you have a stomach infection!

BELLY SMART

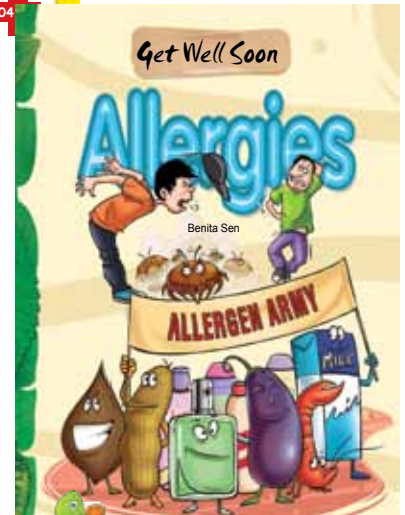
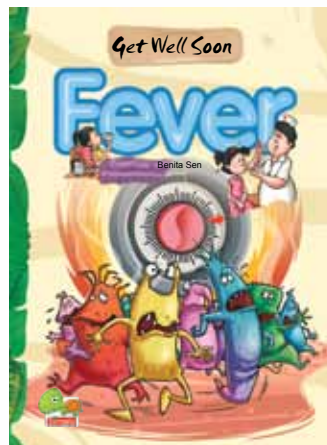
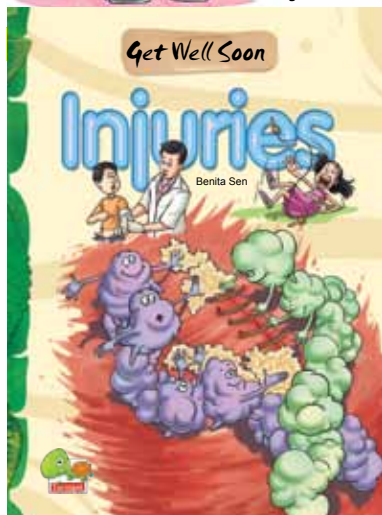
If you have a runny tummy and are passing loose or watery stool several times a day, it means you have diarrhoea. But do not worry. It is very common. In fact, you will find it difficult to meet someone who has never had diarrhoea!

Sometimes when you have an upset stomach, you will hate the sight of food.



Titles in the series

- Stomach problems
- Injuries
- Fever
- Allergies



GREEN SCIENCE GENIUS

Explore the fascinating world of energy, light, sound, and electricity with Green Science Genius. The series provides a complete insight into these scientific concepts, while challenging the young minds and bringing out a sense of inquisitiveness and exploration!

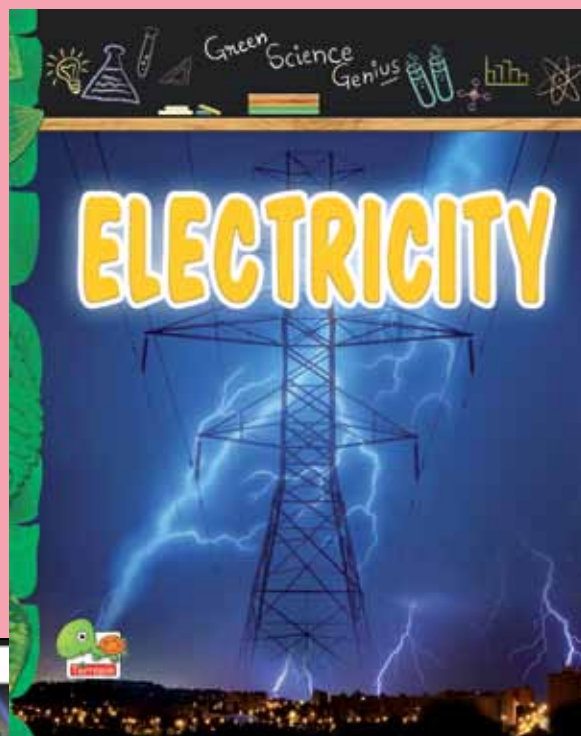
Titles in the series

- Light
- Sound
- Energy
- Electricity

Age group
12-14 years

Specifications

- Size 216×280 mm
- 32 pp
- Hardback



Types of light

Broadly, light can be divided into two types: natural and artificial. The sun and stars are sources of natural light. The moon does not produce its own light but reflects sunlight. Bulbs, fluorescent tubes, torches, and candles produce artificial light.

INCANDESCENT LIGHT BULB



Burning bright

The sun is our main source of natural light. It is made up of two gases—hydrogen and helium. Every second, 700 million tonnes of hydrogen is converted into helium ashes in the sun. This releases five million tonnes of energy. No wonder then, a part of the sun as small as a postage stamp produces more light than 500 bulbs!

Most of the light around us comes from hot objects. This is known as warm light or incandescence. The glowing part of a regular light bulb is made of a metal called tungsten. When electricity passes through, it becomes white hot and starts to glow.

Some incandescent lamps are filled with a gas called halogen. Known as halogen lamps, they give off more light than normal incandescent bulbs. This is because they operate at higher temperatures. Their light is also whiter due to the higher temperature.

Nature's lanterns

Cold light or luminescence is produced by



The term 'bioluminescence' comes from the Greek word 'bios' meaning 'living' and the Latin word 'lumen' meaning 'light'.



Stimulated Emission of Radiation. Laser carries so much energy that it can cut through very thick metal. Lasers are also used to send information using long threads of glass called optical fibres. A single laser beam can send thousands of phone conversations through a fibre at the same time!

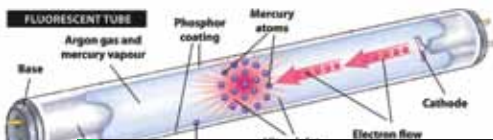
EM LIGHT - ENIGMA

The hair of a polar bear is not white, but semi-transparent or black skin to absorb and preserve body heat. It looks white because the air spaces in each hair scatter light of all colours. When all of the visible wavelengths of light are reflected back to our eyes, we see the hair as white.



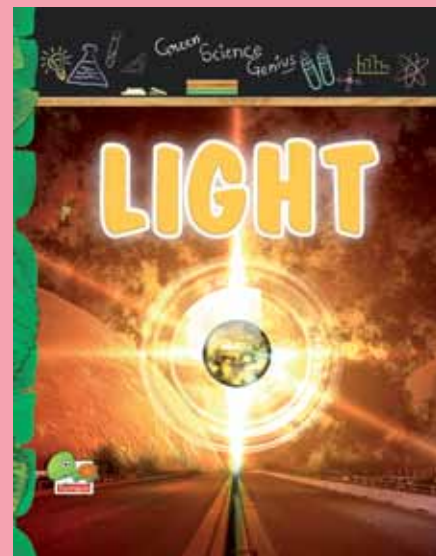
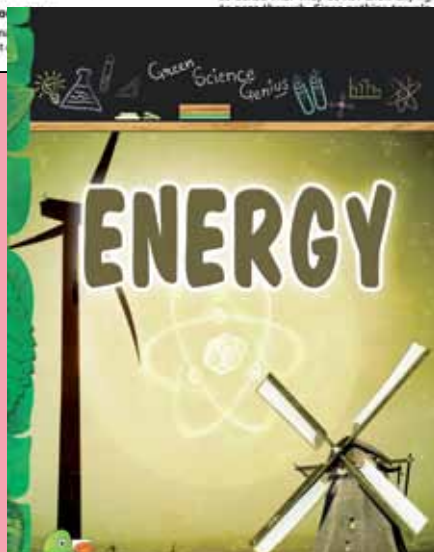
LIGHT STUFF

In space, there are black holes that are so dense that they do not allow any light



chemical reactions and not by heating. Fluorescent tubes produce light through luminescence and do not heat up. Instead, a chemical coating inside these tubes glows when electricity passes through. Many animals and plants, including plankton, squid, fish, glow worms, fire flies, and some fungi and bacteria, produce cold light. It is called bioluminescence.

Strongest light



PRESCHOOL

MY GREEN NUMBER BOOK

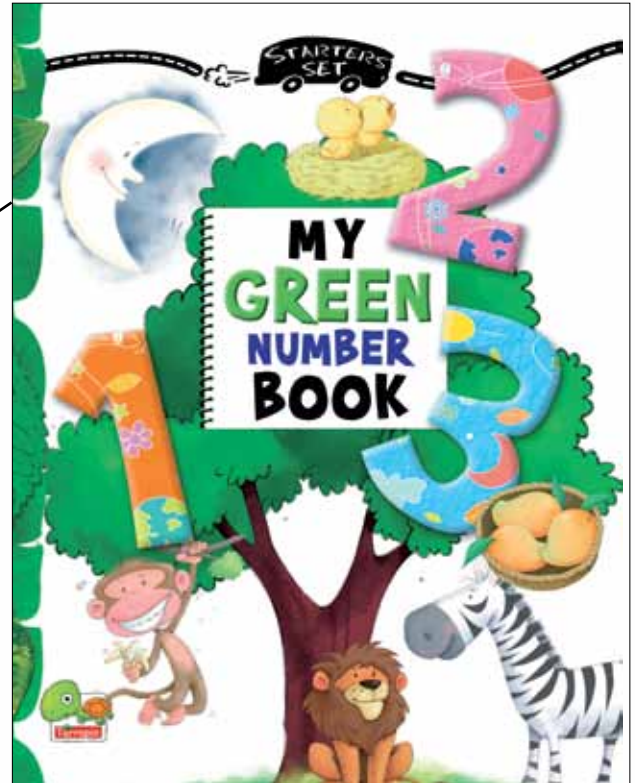
Author: **Sreya Seth**

An innovative title that introduces numbers up to 20 through elements of the environment. Teacher's notes help raise awareness on the environment, while simple 'green' activities enhance the learning experience.

Specifications

- Size 216×280 mm
- 44 pp
- Paperback

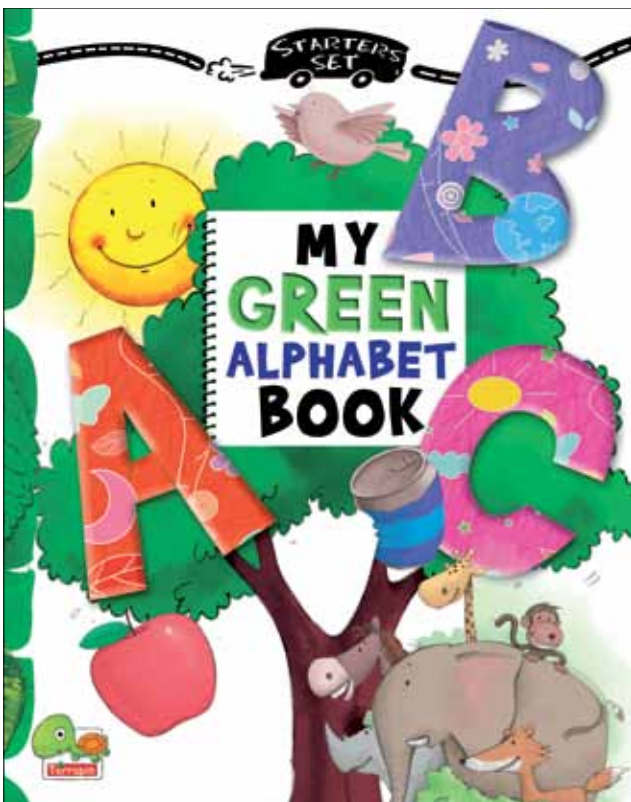
Age group
3 years



MY GREEN ALPHABET BOOK

Author: **Sreya Seth**

An innovative preschool title that introduces the child to the letters of the alphabet through elements of the environment. Teacher's notes help the teacher inculcate concern for the environment, while simple 'green' activities enhance the learning experience.


Specifications

- Size 216×280 mm
- 44 pp
- Paperback

Age group
3 years

PLANET EARTH

Authors: Rani Iyer, Vineeta Singh

This series takes you across our unique and wonderful planet—the vast oceans, endless deserts, lush green forests, sparkling rivers and lakes, lofty mountains, and the icy poles. It not only brings alive each habitat, teeming with its own special life forms, but also brings out the dangers facing these regions and the need to preserve them.

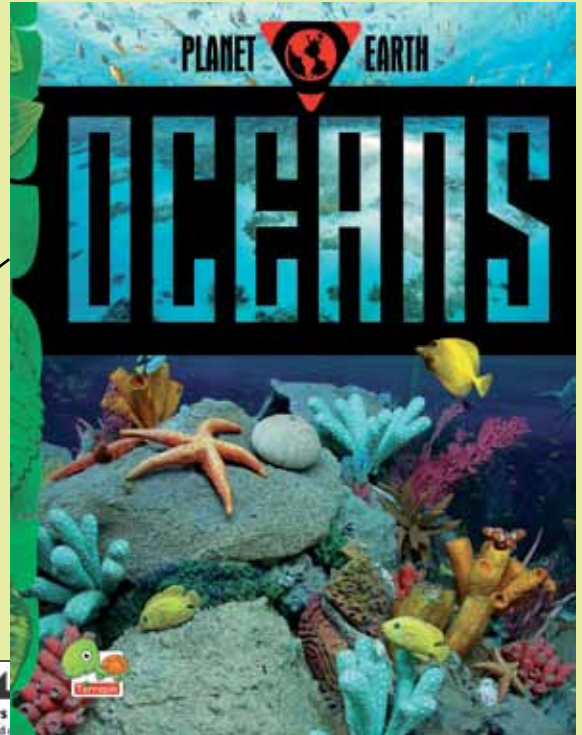
Titles in the series

- Deserts
- Forests
- Mountains
- Oceans
- Poles
- Rivers and Lakes

Age group
8–12 years

Specifications

- Size 216 × 280 mm
- 32 pp
- Hardback



Exploring the oceans

Humans have walked on the moon and seen the surface of Mars. However, they have explored less than 1 per cent of the earth's seafloor with their own eyes! Oceans are vast and deep, and thus, difficult to explore. At greater depths, they are dark, bone-chillingly cold, and have very high pressures.

Diving deep below

Ocean exploration is carried out with the help of ships that take scientists, mariners, and their equipment out into the oceans. These ships are mobile research stations that carry electronics, computers, navigation, and communication systems. They also carry food, water, and fuel to last the journey.

Eye in the sky

Satellites are an important tool for ocean exploration and are now providing a global view of the ocean and its processes. They record data on the seafloor, underwater features such as coral reefs, ocean surface temperatures, and patterns of water circulation. Satellite maps are helping in the study of global climate change. Satellites can track deep-sea vehicles and even marine animals like sea turtles fitted with transmitters!



▲ Instruments on satellites measure wind, waves, temperature of the sea surface, ocean colour, ocean surface currents, and tides.



▲ Scuba is an acronym for 'self-contained underwater breathing apparatus' and was invented in the 1940s. It was then called 'open lung'!

▶ Submersible vessels like the Alvin reach astounding depths and are capable of performing complicated scientific experiments.

Underwater explorers

Scuba diving is mostly carried out with the help of a scuba tank. It allows the diver to go deep and enjoy a breathtaking view of the ocean. The divers swim with fins and carry a breathing air tank. Explorers who study the ocean carry out technical diving. A special gas mixture is supplied to the diver through a hose, and communication is maintained with the ship. A technical diver can reach depths of 330 feet.

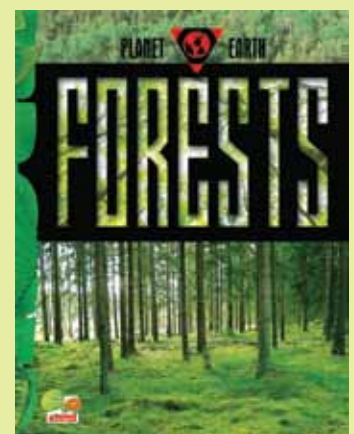
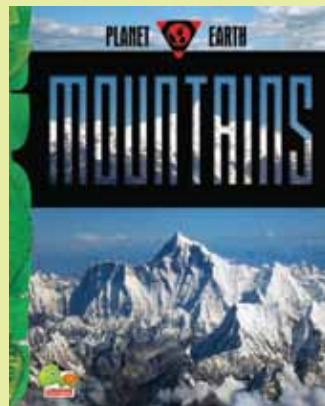
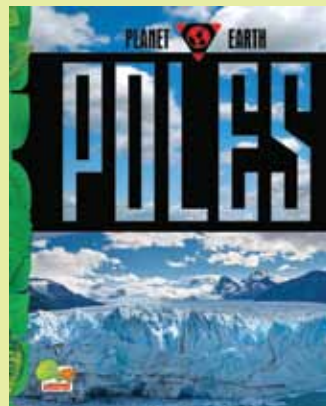
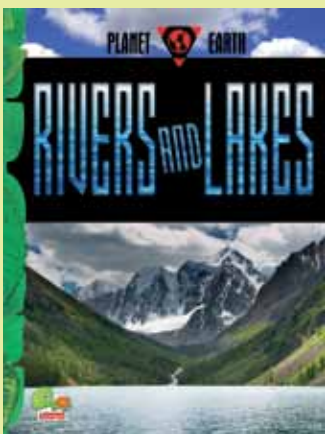
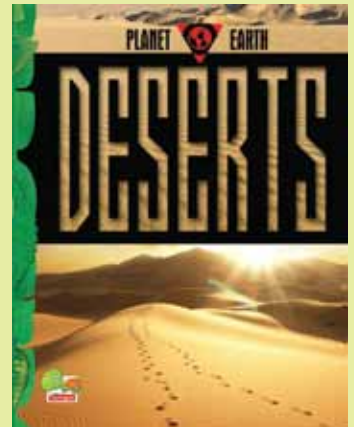
Into the deepest depths

Apart from satellites and divers, underwater submersibles enable us to explore the deepest depths of the oceans. Alvin was the first deep-sea submersible that could carry passengers. It discovered the first hydrothermal vents in the Pacific Ocean and also helped find 300 new animal species! In January 1960, Jacques Piccard and Don Walsh made the first and only manned voyage to Challenger Deep in a Swiss-built bathyscaphe (deep boat) known as the Trieste.



▶ Robotic explorers are now being used to study the ocean depths.

▶ In May 2008, the robotic submersive Nereus became the world's deepest diving vehicle when it reached Challenger Deep—the deepest known part of the ocean.



SCIENCE IN OUR ENVIRONMENT

Authors: **Aanchal Broca Kumar, Shona Bagai**

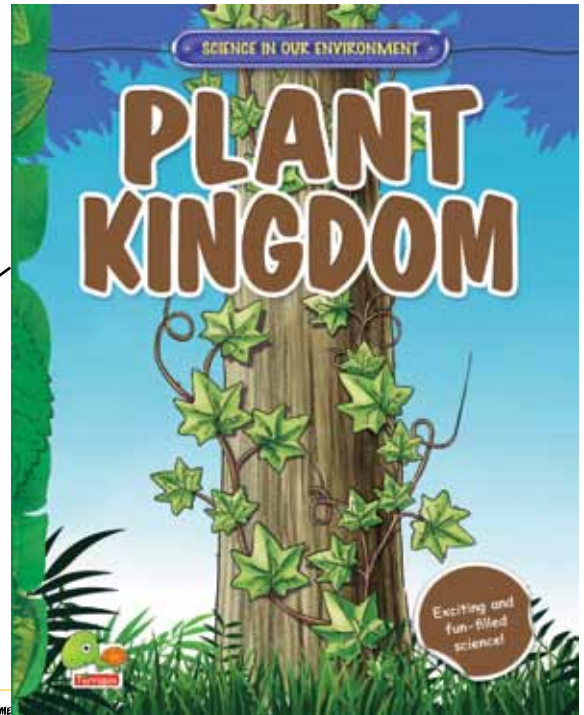
This series takes you on an exciting, fun-filled, and informative journey through the basic concepts of science. The text is not only informative and curriculum supportive, it brings out the student's interest in science as well. Questions and answers between Teri and the Green Genius, as well as facts and tips on the environment make the books a 'must read' for budding green geniuses.

- Titles in the series**
- Galaxies, Stars, Planets
 - Light, Sound, Energy
 - Communications
 - Human Body
 - Plant Kingdom
 - Animal Kingdom

Age group
7-11 years

Specifications

- Size 216×280 mm
- 32 pp
- Hardback

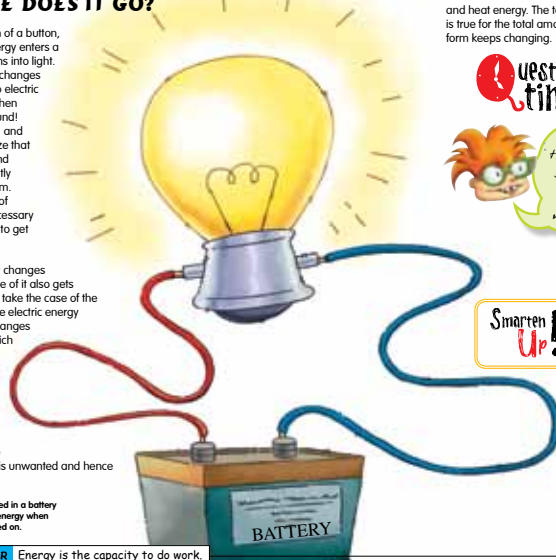


WHERE DOES IT COME FROM? WHERE DOES IT GO?

With a switch of a button, electrical energy enters a bulb and turns into light. A telephone changes our voice into electric energy and then back into sound! Look around, and you will realize that energy around us is constantly changing form. This change of energy is necessary for any work to get done.

While energy changes its form, some of it also gets wasted. Let's take the case of the light bulb. The electric energy entering it changes into light, which is what we want, but some of it also changes into heat, making the bulb hot. The heat energy is unwanted and hence is a waste.

The energy stored in a battery turns into light energy when the bulb is turned on.



REMEMBER Energy is the capacity to do work.

The amount of energy that goes into doing any kind of work remains the same even after the work is done. For example, the electrical energy that goes into a bulb changes into light and heat energy. The total electric energy is equal to the light and heat energy. The same is true for the total amount of energy in the universe. It always remains the same—only the form keeps changing.

Question time!

Can energy wastage be reduced?

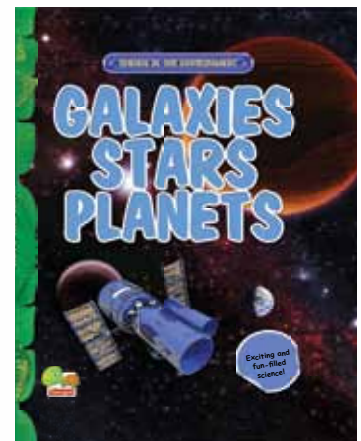
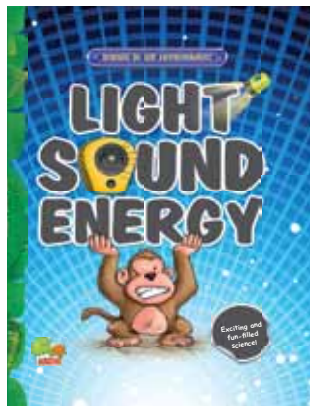
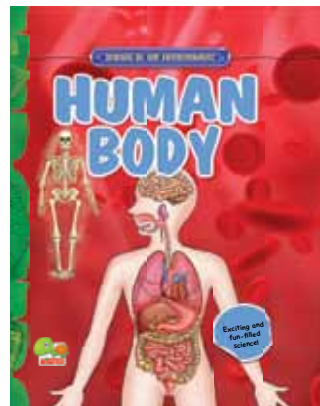
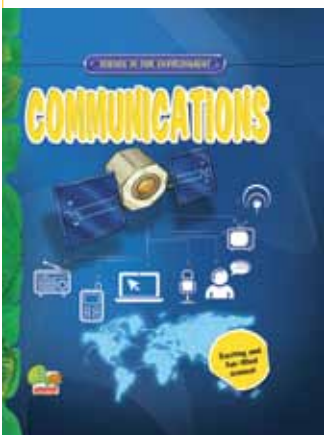
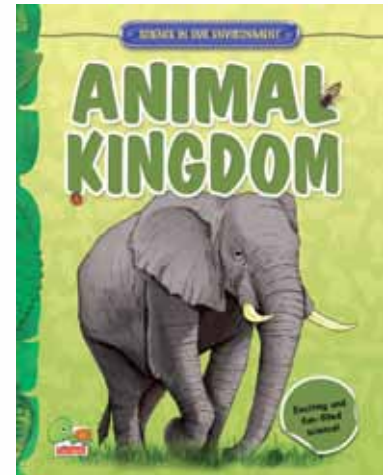


Yes! Electronic gadgets have labels on them that tell us how much energy the gadget wastes. Labels with five stars mean that there is minimum wastage. The fewer the stars, the more is the wastage, so next time you go shopping, look for a five-star label!



Smarten Up!

All the energy in the universe was formed when the universe came into being with a huge explosion called the Big Bang seventeen billion years ago!



SMART GREEN CIVILIZATIONS

Author: **Benita Sen**

This unique series explores the environmental wisdom of ancient people, reflected in different aspects of their life—rainwater harvesting, environment-friendly construction material, their food, and even their clothes. Join little Teri as she explores and presents the 'green aspects' of ancient civilizations.

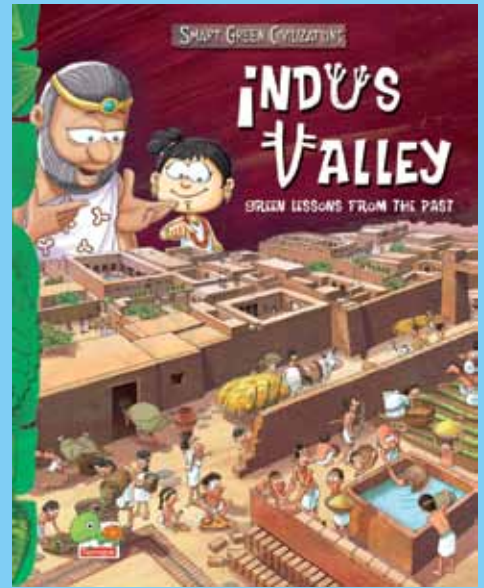
Titles in the series

- Ancient America
- Ancient China
- Ancient Egypt
- Ancient Greece
- Ancient Mesopotamia
- Ancient Rome
- Indus Valley

Age group
8-12 years

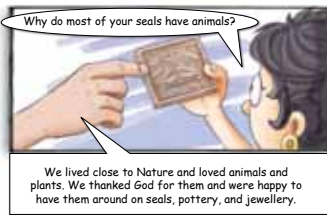
Specifications

- Size 216×280 mm
- 32 pp
- Hardback



Rites and Rituals

Thousands of Indus Valley seals have animals on them. But some seem special. But not all seals are of animals. The one now called Pashupati Shiva has a man seated cross-legged, surrounded by animals. Hundreds of statues of women are believed to be those of the Mother Goddess. She was perhaps worshipped in every home, which is why so many of her statues have been found.



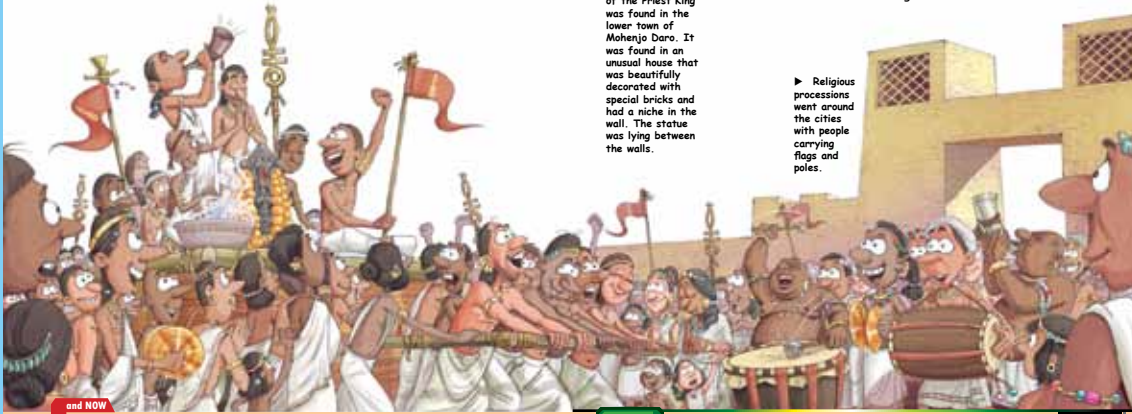
▲ This statue of the Priest King was found in the lower town of Mohenjo Daro. It was found in an unusual house that was beautifully decorated with special bricks and had a niche in the wall. The statue was lying between the walls.

The people of the Indus Valley first buried their dead. Some historians believe they later cremated or burnt the dead and buried the ashes in terracotta urns or pots. There were priests to carry out rituals. The statue of the bearded man is believed to be of the Priest King. Bathing was probably a part of a religious ceremony as the Great Bath at Mohenjo Daro suggests. Animals were sacrificed in Kalibangan.



▲ The unicorn seal was perhaps used in worship.

► Religious processions went around the cities with people carrying flags and poles.

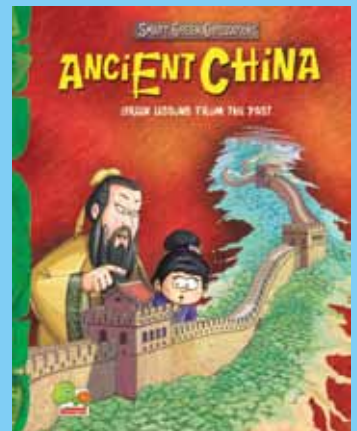
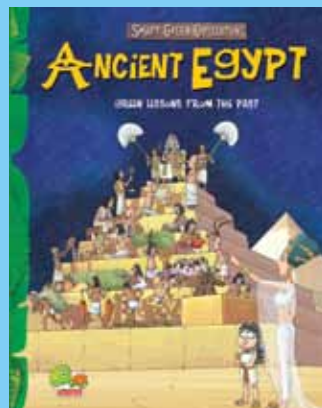


THEN and NOW
The statue of the Priest King was found in Mohenjo Daro in 1927. It is made of white soapstone. It is now in the National Museum in Karachi, Pakistan.



The people of the Indus Valley worshipped Nature in gratitude for what they took from it.

22-23



WEIRD AND WONDERFUL

Author: **Tanya Luther Agarwal**

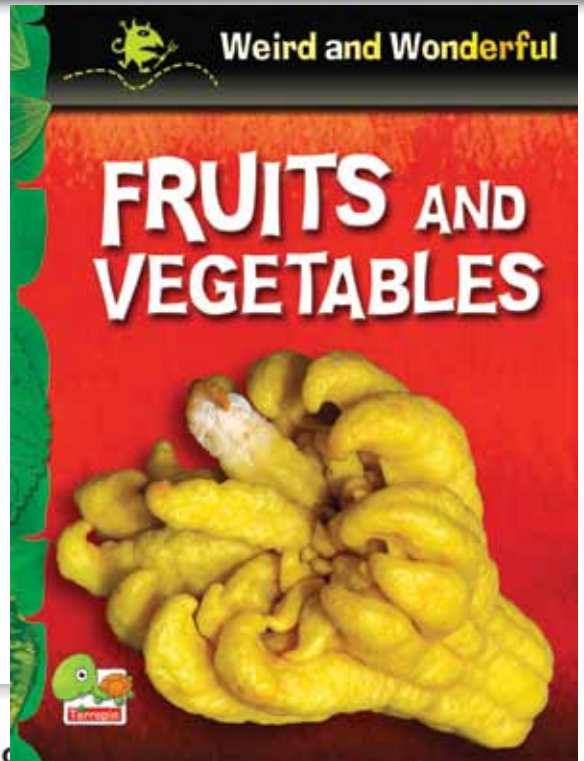
Can you imagine a fruit that looks like the Buddha's hand, hills that look like mounds of chocolate, a plant that eats insects, or rocks that ring? This series brings together all that's unusual and strange in nature. Fun to read and beautifully illustrated, these books are not just a visual delight for every child but educative as well.

- Titles in the series**
- Animals
 - Fruits and Vegetables
 - Natural Formations
 - Habitats
 - Phenomena
 - Plants

Age group
5-8 years

Specifications

- Size 180×240 mm
- 24 pp + Cover
- Paperback



Bless that fragrance

Buddha's hand citron

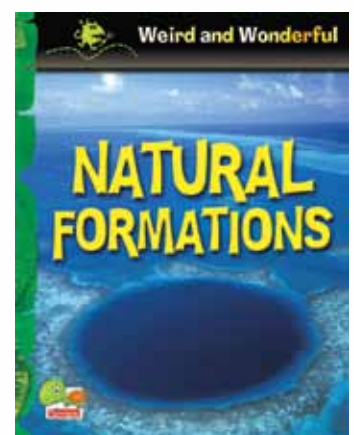
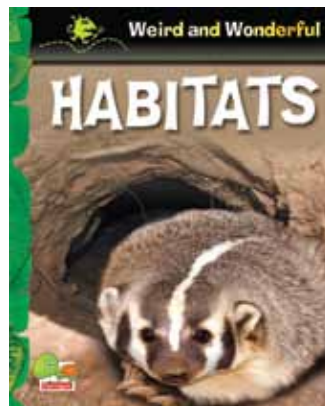
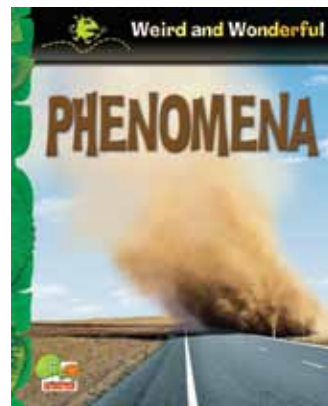
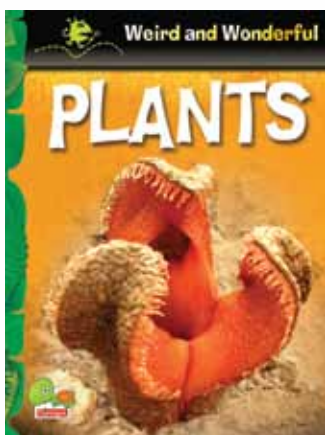
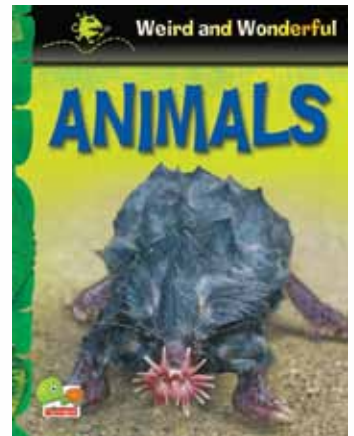
The Buddha's hand citron is used more as a room freshener than as a fruit.

Buddha's hand citron is also one of the most interesting and the most interesting and the most interesting citrus fruits in the world.

The citron looks like Buddha's hand as made centuries ago on Chinese statues. It has ten to fifteen long fingers held together on top like a bunch of yellow chillies. Unlike other citrus fruits like oranges and lemons, the citron has no juice, flesh or seeds inside. Each finger has its own peel and a thick one at that. The fingers are used in foods without removing the peel, but not eaten fresh.

The Chinese believe the Buddha's hand citron symbolizes happiness and long life.

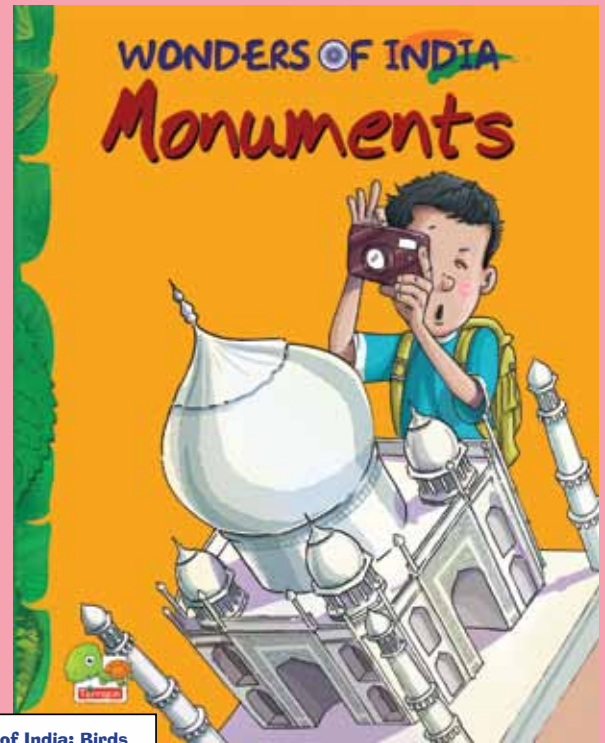
The Buddha's hand citron has such a strong lemony perfume that it is used in desserts, drinks, and even cosmetics.



WONDERS OF INDIA

Authors: Sanjay Sondhi, Mamta Govil, Anchal Sondhi

This series is an interesting look at the natural and man-made wonders all over India—from our rich heritage in the form of forts, palaces, and other monuments, to the sparrow that chirps on our window, the trees along the streets, and the animals we love to see.



- Titles in the series**
- Birds
 - Animals
 - Trees
 - Flowers
 - Monuments
 - Gems

Age group
6-8 years

Specifications

- Size 216×280 mm
- 32 pp
- Hardback

Peacock

Wonders of India: Birds

Scientific name:
Pavo cristatus

I am India's national bird!

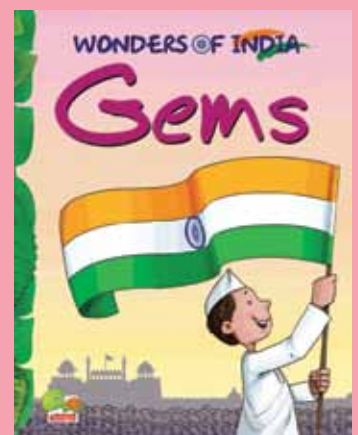
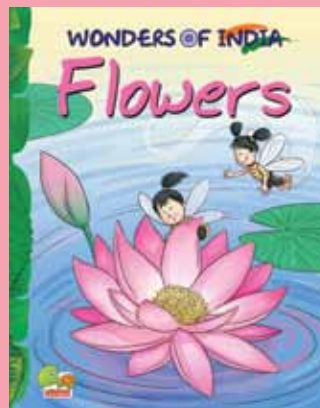
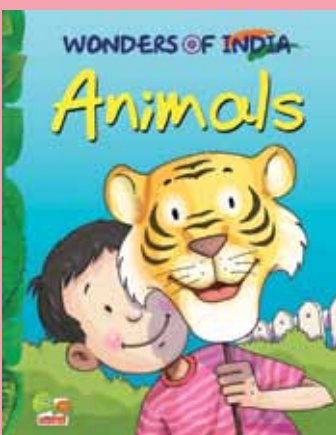
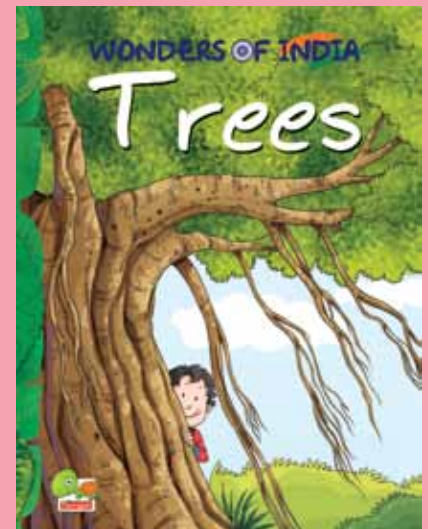
- It can be seen throughout India, especially in semi-desert areas, parks, and forests.
- Though originally from India, it is now found in various parts of the world.

How can you recognize the peacock?
The peacock, or the male Indian peafowl, is amongst the prettiest birds of India. It has beautiful blue-green feathers, a royal blue neck and breast, and a fan-shaped crest on top of its head. The tail feathers are long and green with markings that look like eyes. The female (peahen) is a dull brown bird with a white throat and green neck. The peacock's loud 'pau' call can be heard in forests, usually during early mornings and late evenings.

Where does the peacock build its nest?
Peacock nests are found on the ground, hidden under thorny bushes. The nests are shallow and made of sticks, leaves, and grass. During its nesting season, the peacock dances to attract a peahen, while spreading its tail to show its beautiful colours.

Did you know?
The peacock is considered sacred by the Hindus. Lord Krishna's crown was a peacock feather. The peacock was the vehicle for Karthikeya, Lord Shiva's son.

08-09



WORK SQUAD

Authors: **Garima Sharma, Shruti Sharma**

Animals, insects, birds, and amphibians have a world of their own—different and unique from ours. This colourful and attractive series delves deep into their kingdom, revealing nature's incredible workforce. Discover the amazing engineering feats of tiny insects, the 'tools' and secret weapons used by some animals, the tricks many of them have up their sleeves, and the ways in which they keep their surroundings clean.

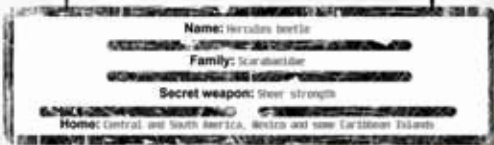
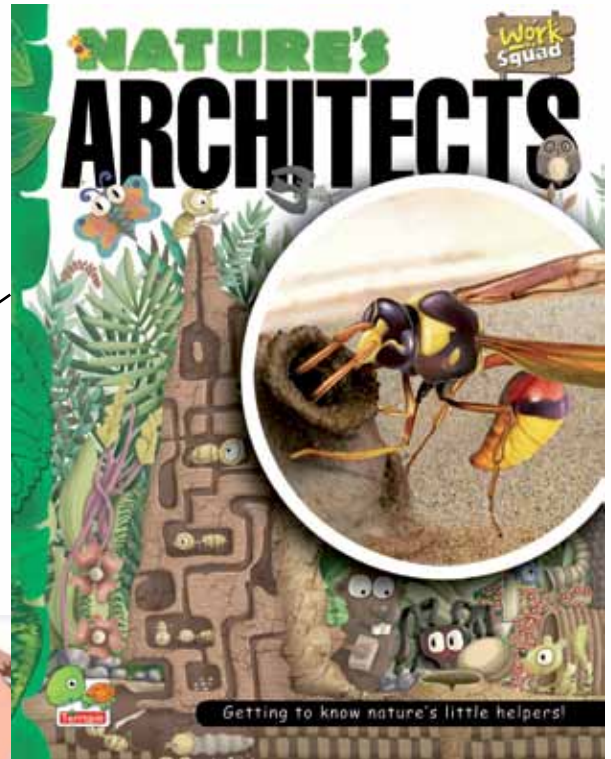
Titles in the series

- Nature's Architects
- Nature's Doctors
- Nature's Handymen
- Nature's Housekeepers
- Nature's Showmen
- Nature's Warriors

Age group
8–12 years

Specifications

- Size 216×280 mm
- 32 pp
- Hardback



MAJOR, MINOR
Some Hercules male beetles can be really large and are referred to as 'major' males, while some can be much smaller and are called 'minor' males. It is believed that their size depends upon the nutrition they receive when they are young.

day's work
Some natives of South America eat the Hercules beetles, as they believe that this will help them become strong.

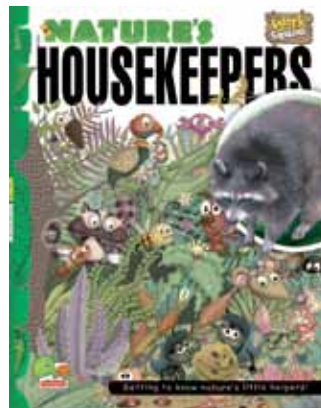
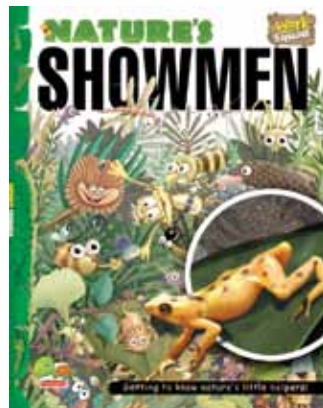
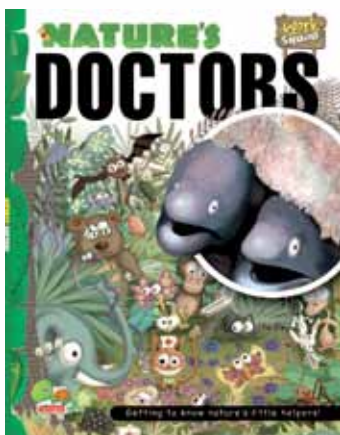
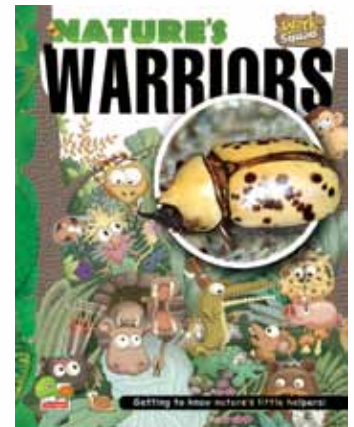
Pocket HeRCules

The Hercules beetle belongs to the family of rhinoceros beetles and is considered the most warrior-like in this large family of 133 beetles. It is one of the strongest creatures for its size, and can lift up to 850 times its own weight. This means that if a human being of average height and weight had the strength of this beetle, they would have been able to lift a car or even a military tank! Some male Hercules beetles grow up to six inches in length.



Macho Man

The male Hercules beetle has an armour-like covering on its body, with black spots, along with large horns on its head. This warrior does not harm anyone but fights only against its own male relatives, using its horns as 'claws'. The stronger male can lift the opponent, knock it to the ground or even cut the opponent into two halves. Post victory, the winner may march around its defeated opponent as a sign of celebration. All this is done in order to conquer a food site or to attract a she-beetle.



101 FACTS

Authors: **Snigdha Sah, Garima Sharma, Aparajita Kashyap**

The Dwarf Willow is the shortest tree in the world. It is slightly bigger than your thumb! Metal mining is one of the most polluting activities in the world. Full of such fascinating facts, this series entertains as well as enlightens children about important environmental issues.

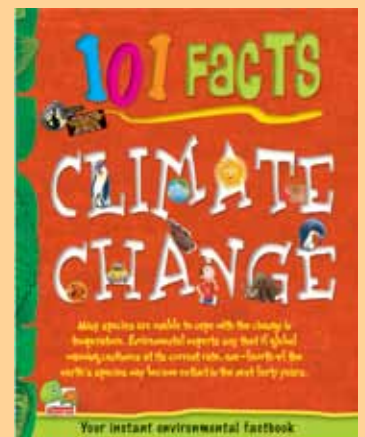
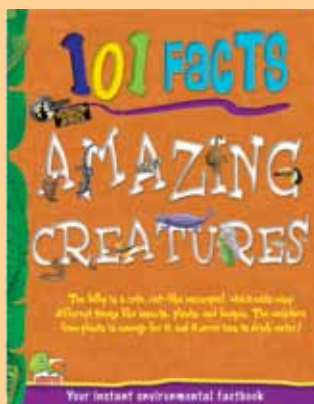
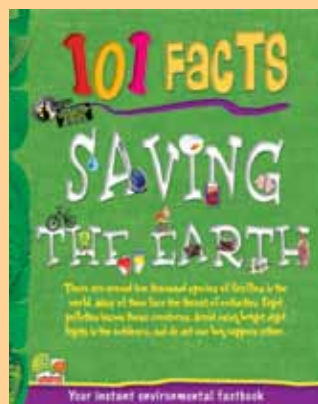
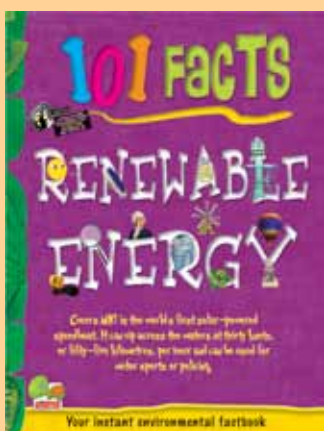
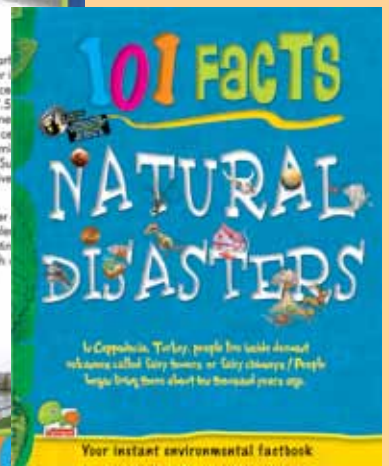
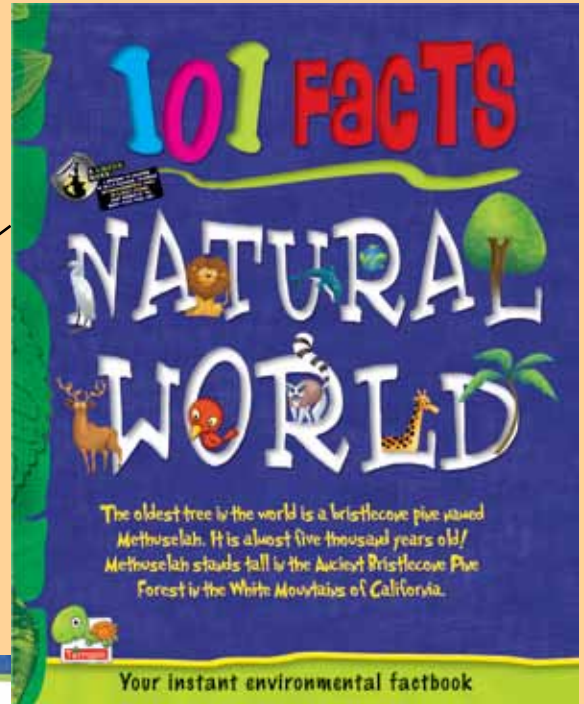
Titles in the series

- Natural World
- Natural Disasters
- Climate change
- Saving the Earth
- Amazing Creatures
- Renewable Energy

Age group
7-10 years

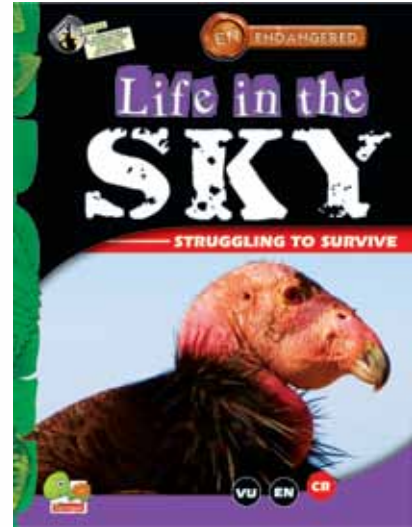
Specifications

- Size 210×260 mm
- 46 pp
- Hardback



ENDANGERED

Do you know that the Asiatic lion is critically endangered? And that the Amsterdam albatross might be readying for its last flight, while the St Helena ebony is quietly withering away? This series acquaints children to the dangers facing life forms on the Earth and the urgent need for conservation. Interspersed with eye-catching pictures, simple prose, and splendid facts, it helps them empathize with animals and plants.



- Titles in the series**
- Life in the Sky
 - Life on Land
 - Life in the Water
 - Life in the Amphibian World
 - Life in the Plant Kingdom
 - Life in the Reptilian Realm

Age group
7-10 years

Specifications

- Size 210×230 mm
- 46 pp
- Hardback

- Series features**
- Did you know?
 - Glossary
 - Index
 - Informative captions

Koala
Weight: 13 kg (male), 10 kg (female). Highest climbing speed: 2.7 m/min (female), 1.5 m/min (male). 10-15 years

Born to survive
I move slowly and spend eighteen hours a day sleeping. I chew eucalyptus leaves all day. No wonder, I smell like cough drops! Our young ones are called joey. They cannot hear or see when they are born. But in about six months, their eyes and ears begin to grow. They start living on their own after they turn one year old.

Killing me for nothing
Once upon a time, I used to be killed for my coat. Today, most koalas die due to motor accidents or are killed and eaten by pet dogs.

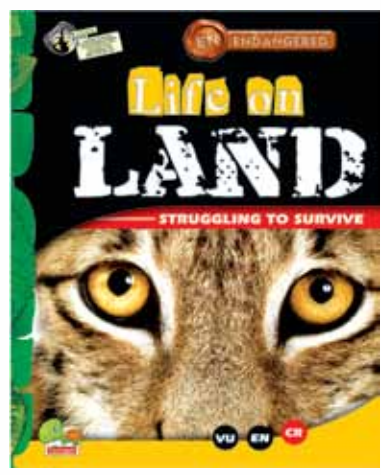
Did you know?
Each koala has its own 'home tree'. Other koalas pay visits.

Blast from the past
Imagine a giant koala. Fossils of more than twelve koala species have been found. These animals were much larger than the ones found today.

Safe in the wild
People are collecting money to fund different efforts to save my habitat and me. I can safely give birth to my young ones in zoos and wildlife parks. Scientists are researching on ways to protect me.

I am cute and cuddly. I am a koala. I am not a bear. I am a marsupial. I am not a pet, and I prefer living in the wild in Australia.

ENDANGERED (CR)

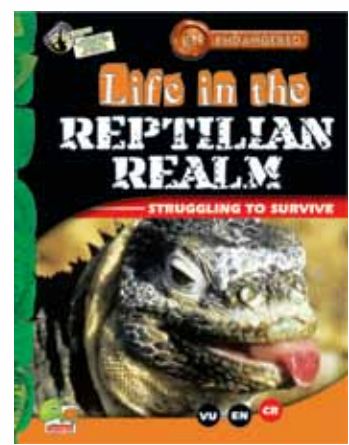
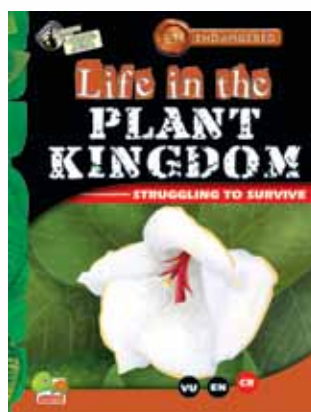
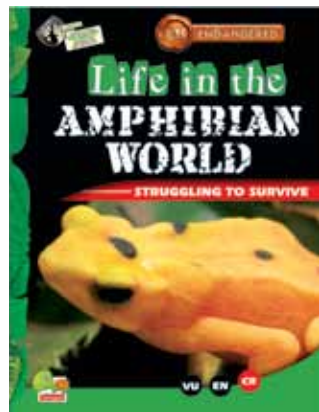
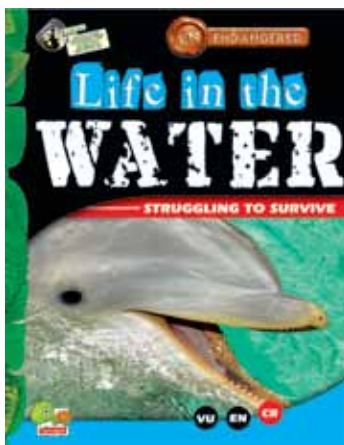


Anatomical details

Fact boxes

Captivating illustrations

Conservation status



FROM NATURE TO YOUR HOME

Author: Tanya Luther Agarwal

This series traces the fascinating journey of simple, everyday items such as brown bags and aluminium cans and encourages children to learn about technology as well as preservation of nature.

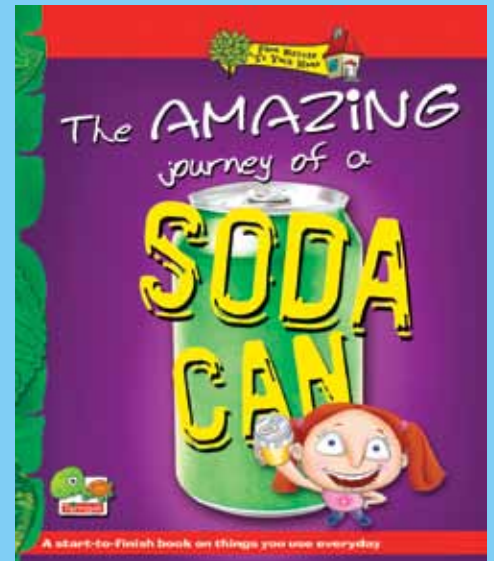
Titles in the series

- The Amazing Journey of a Soda Can
- The Amazing Journey of Denim Jeans
- The Amazing Journey of a Glass
- The Amazing Journey of a Brown Paper Bag
- The Amazing Journey of a Wood Pencil
- The Amazing Journey of Woollen Mittens

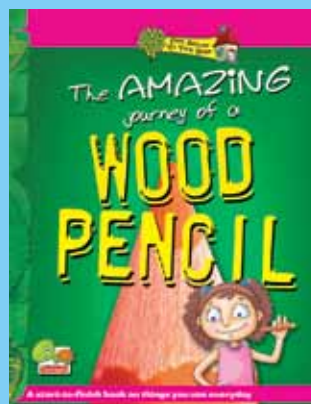
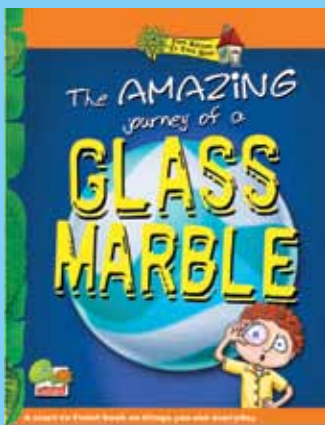
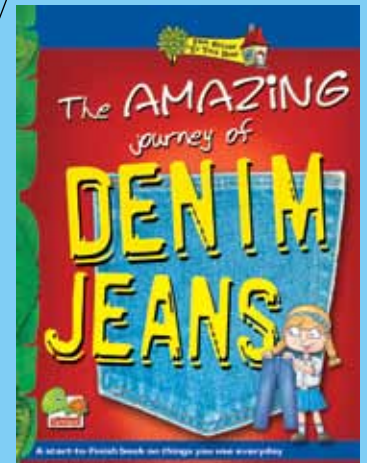
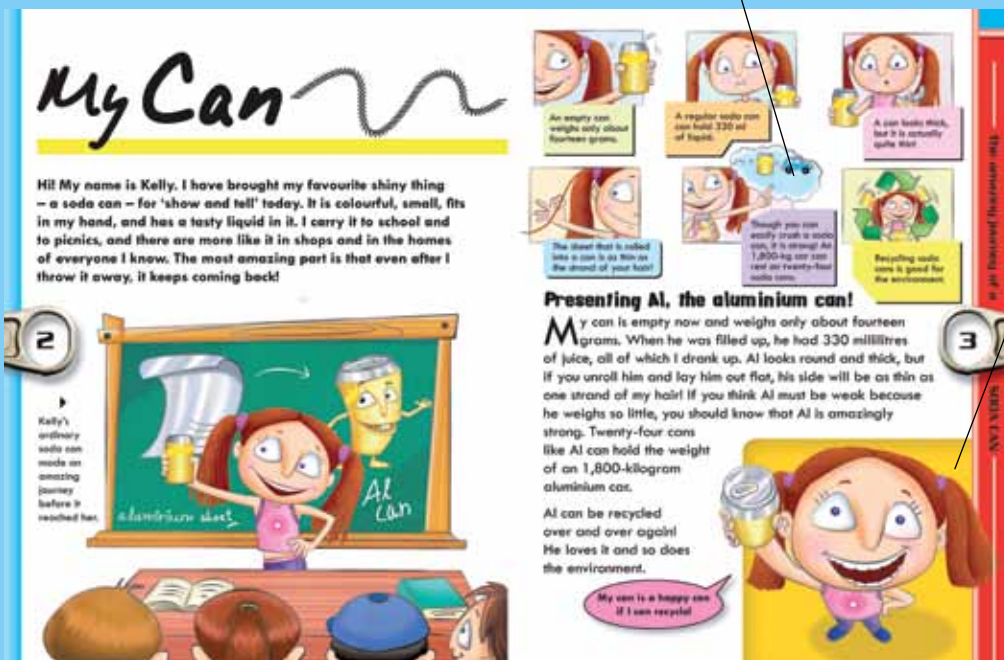
Age group
8-12 years

Specifications

- Size 180×240 mm
- 30 pp
- Hardback

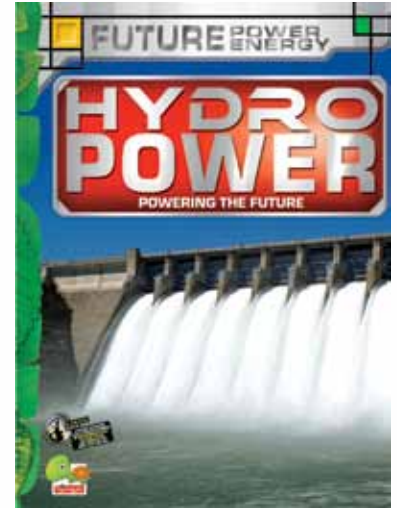


Interesting illustrations



FUTURE POWER, FUTURE ENERGY

Can you imagine having no petrol for your car or no electricity to power your lights, fridge, and television? The fuels we use today are going to be over sooner or later. They are also causing pollution. We need clean and renewable sources of energy. This series takes a close look at renewable sources of energy as the source of power for future.



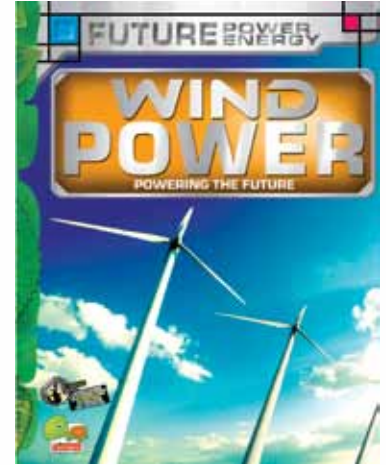
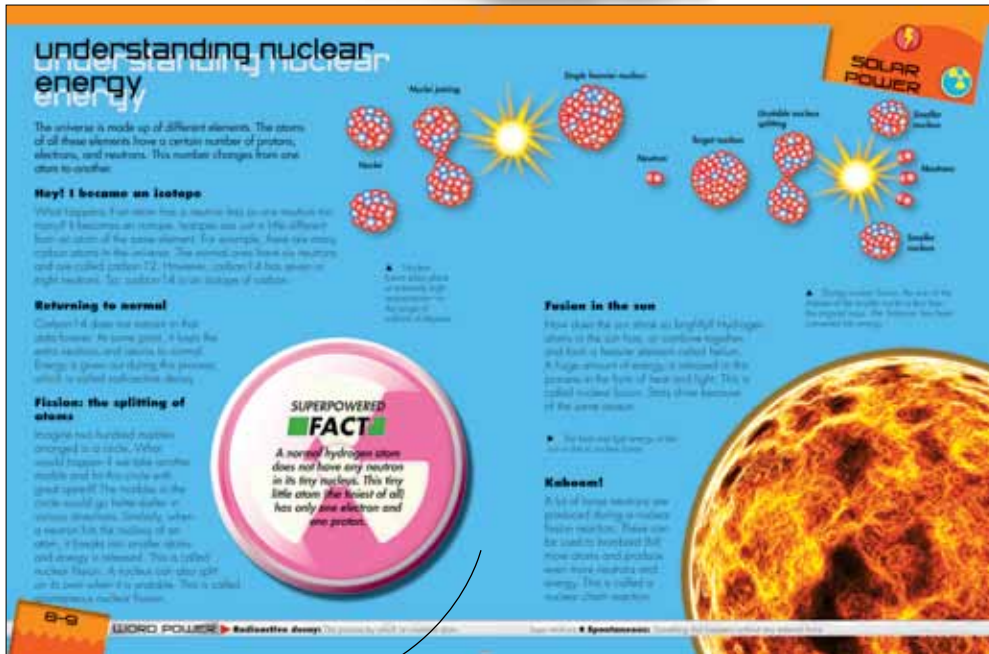
- Titles in the series**
- Hydropower
 - Wind Power
 - Bioenergy
 - Hydrogen Power
 - Nuclear Energy
 - Solar Power

Age group
7-10 years

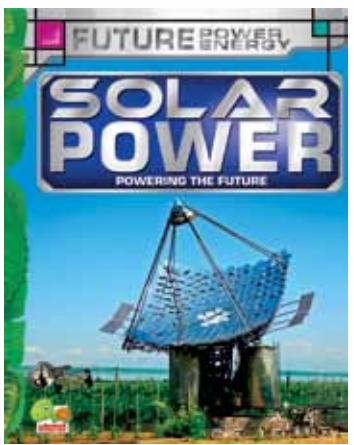
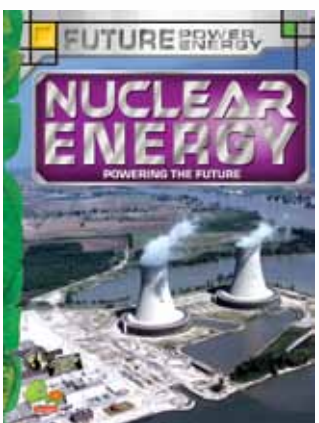
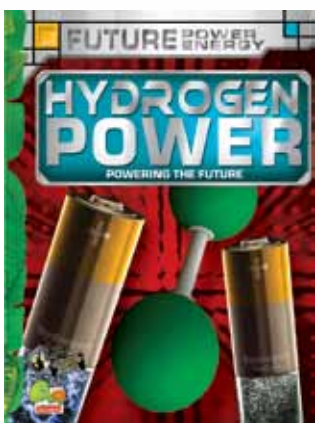
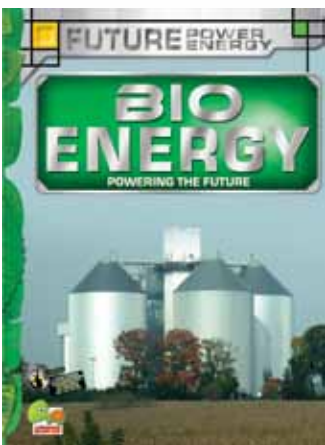
Specifications

- Size 210×280 mm
- 30 pp
- Hardback

- Series features**
- Interesting factoids
 - Well-researched text
 - A mix of photographs and illustrations



Super powered fact boxes on each page



GREEN GENIUS GUIDE

This series takes children on an adventurous journey of the world around them. Accompanying them is Green Genius, the lovable environment enthusiast, with his green gadget!

Titles in the series

- What are Pollution, Smoke, Smog, and more...
- What are Ecosystems, Biomes, Ecotones, and more...
- What are Bacteria, Viruses, Fungi, and more...
- What are Volcanoes, Earthquakes, Avalanches, and more...
- What are Wind Power, Solar Power, Hydropower, and more...
- What are Landfills, Vermicomposting, Recycling, and more...

Age group
8-12 years

Specifications

- Size 180×240 mm
- 16 pp
- Paperback

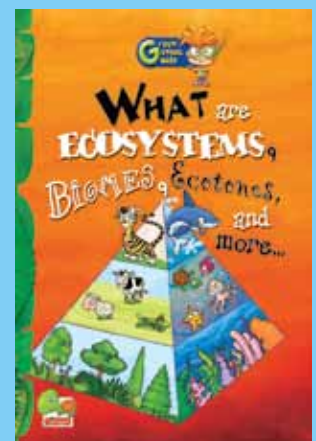
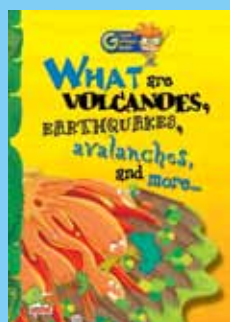
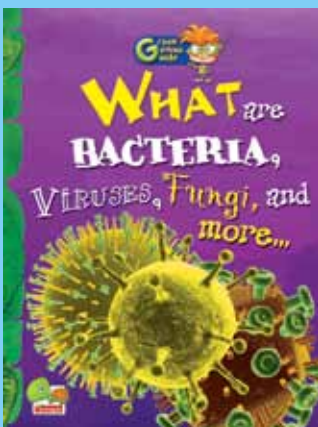


Colourful illustrations



“It is in the hands of the children to try to change their own lives towards greater protection of the environment and all our natural resources. They can also take active part in changing the thinking of adults.”

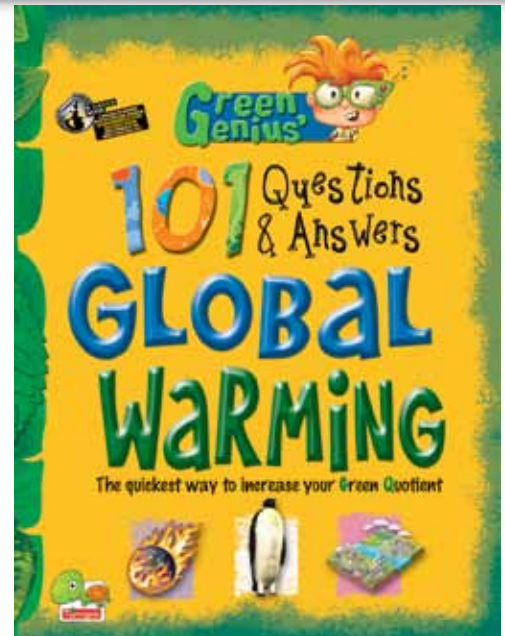
- Dr R K Pachauri



GREEN GENIUS'S 101 QUESTIONS AND ANSWERS

Authors: Aparajita Kashyap, Bhuvaneshwari Subramanian, Kemaya Kidwai

Join Green Genius as he answers children's basic questions about natural phenomena, climate change, and other related issues. Crisp and sharp, these books will add value to any child's library.



Titles in the series

- Global Warming
- Extremely Endangered Creatures
- Our Planet's Phenomenal Past
- Exciting Environment
- Clean, Green Technology
- Spellbinding Space

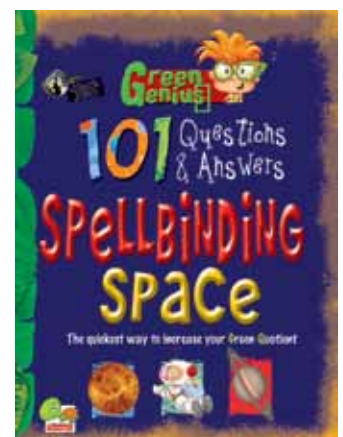
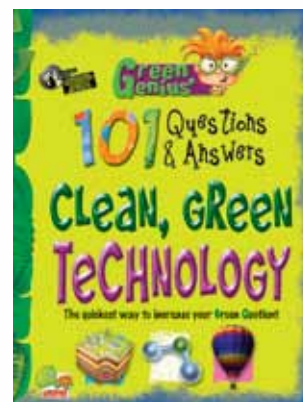
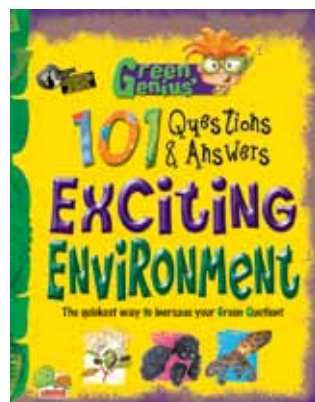
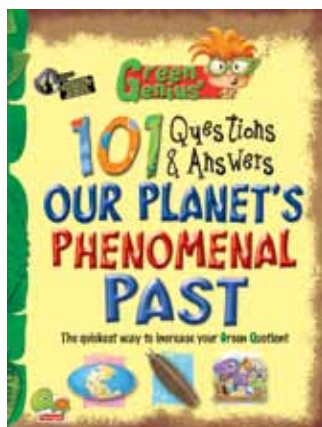
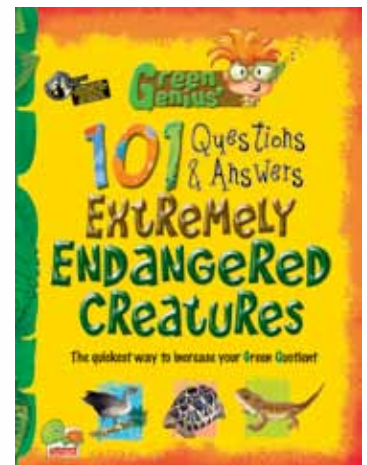
Age group
11-15 years

Specifications

- Size 210×280 mm
- 46 pp
- Hardback

Series features

- Appropriate photographs
- Colourful illustrations
- Index



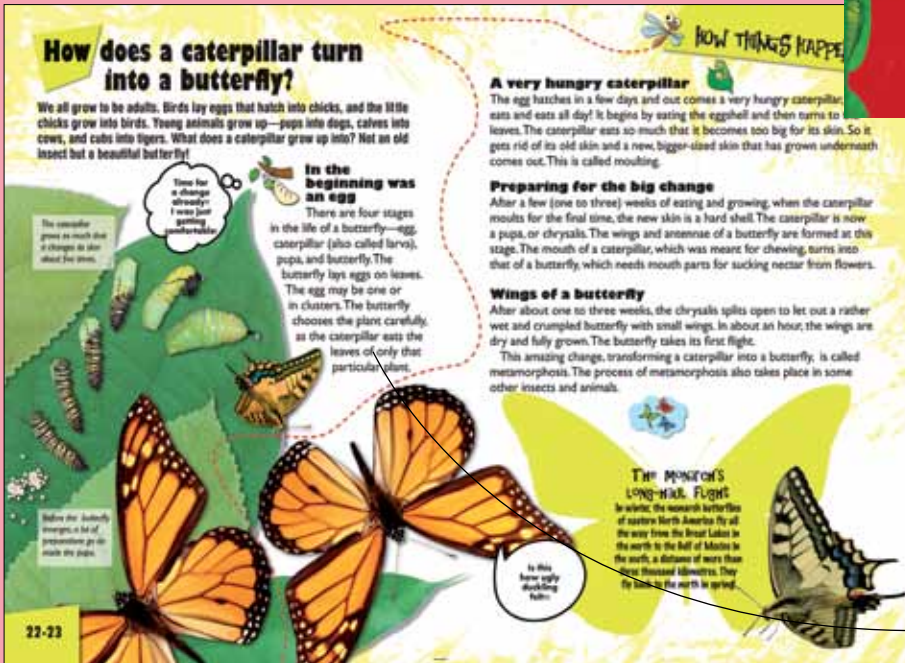
HOW COME? HOW SO?

Authors: **Rekha Shipurkar, R P Subramanian**

This series introduces children to the magic of nature and the marvel of modern machines. From photosynthesis and migration to mobile phones and fuel cell cars, the series explains processes and technologies in an age-appropriate language. The books are illustrated with great care so that each process is brought out perfectly.

Titles in the series

- How things happen: the magical mysteries of nature
- How mysterious events occur: the mind-boggling natural phenomena
- How strange creatures live: the amazing life of bizarre animals
- How things work: the marvel of modern technology
- How things travel: the wonderful ways in which the world moves
- How things began: the inventions that changed our world



Age group
7-10 years

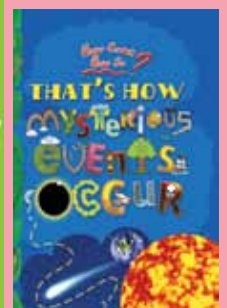
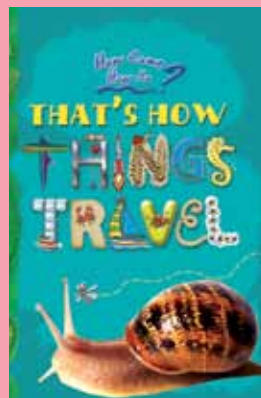
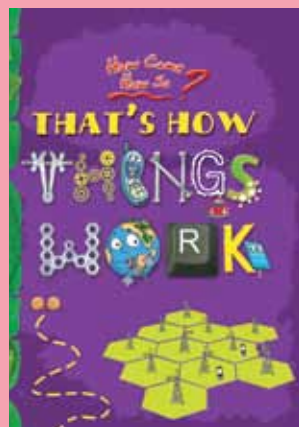
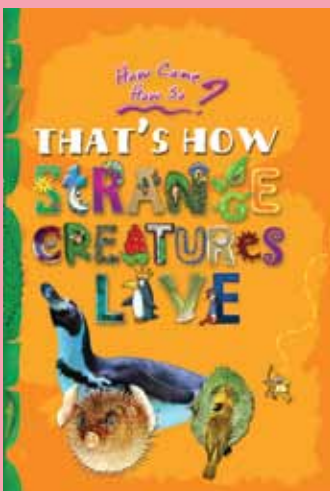
Specifications

- Size 180×240 mm
- 46 pp
- Hardback

Series features

- Activities
- Fact boxes
- Index
- Informative captions
- Labelled diagrams
- Relevant photographs

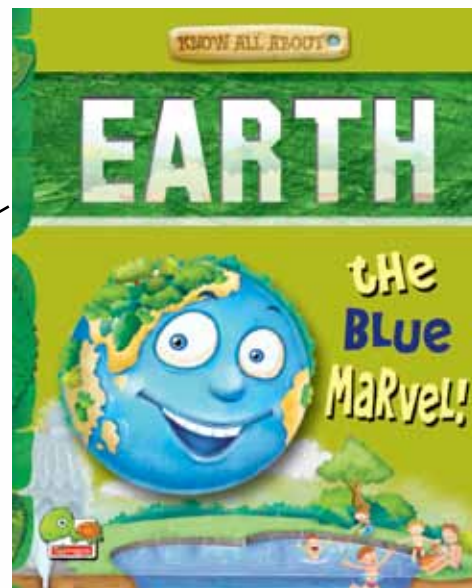
Humorous thought bubbles



KNOW ALL ABOUT

Authors: **Vijita Mukherjee, Tripti Nainwal**

This series is especially written for young children yearning to understand the world around them. With simple language, beautiful illustrations, and a clear breakdown of difficult concepts, these books will whet your child's curiosity and help her discover the magic in her surroundings!



Titles in the series

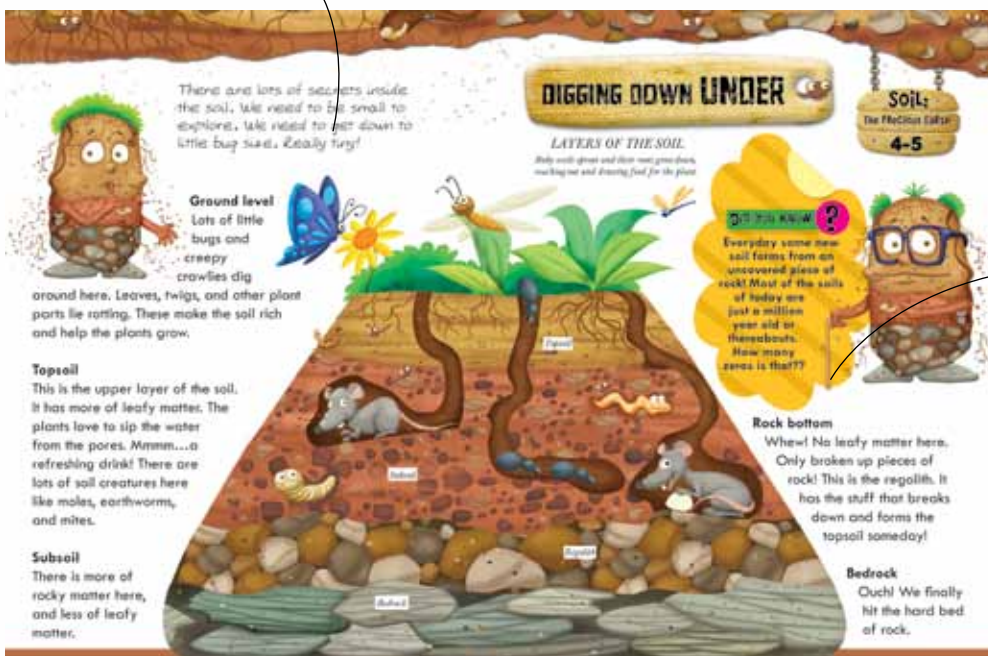
- Soil: the Precious Earth!
- Space: the Great Beyond!
- Sun: the Great Ball of Fire!
- Water: the Big Splash!
- Wind: the Air in a Hurry!
- Earth: the Blue Marvel!

Age group
8-12 years

Specifications

- Size 180×240 mm
- 16 pp
- Hardback

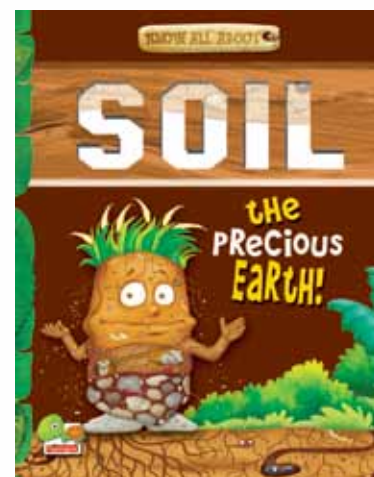
Fact boxes

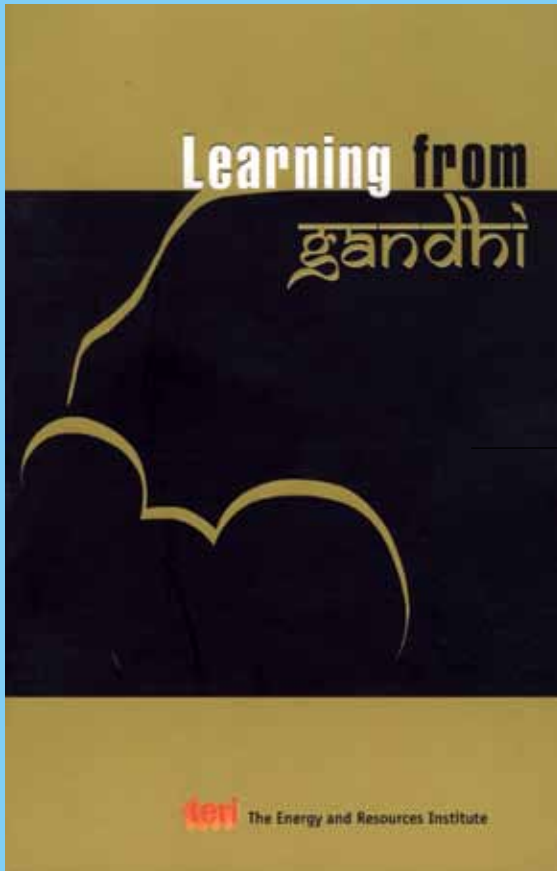


Series features

- Green do-it-yourself tips
- Step by step activities
- Index
- Labelled diagrams

Colourful Illustrations





LEARNING FROM GANDHI

The book highlights Mahatma Gandhi's respect and love for nature as well as his thoughts on environment and development. It brings out the essence of Gandhian environmentalism into lucid and evocative reading.

A ready reference on Gandhi's ecological teachings

Specifications

- Age group: 14-16 years
- 140×210 mm
- 48 pp
- Paperback

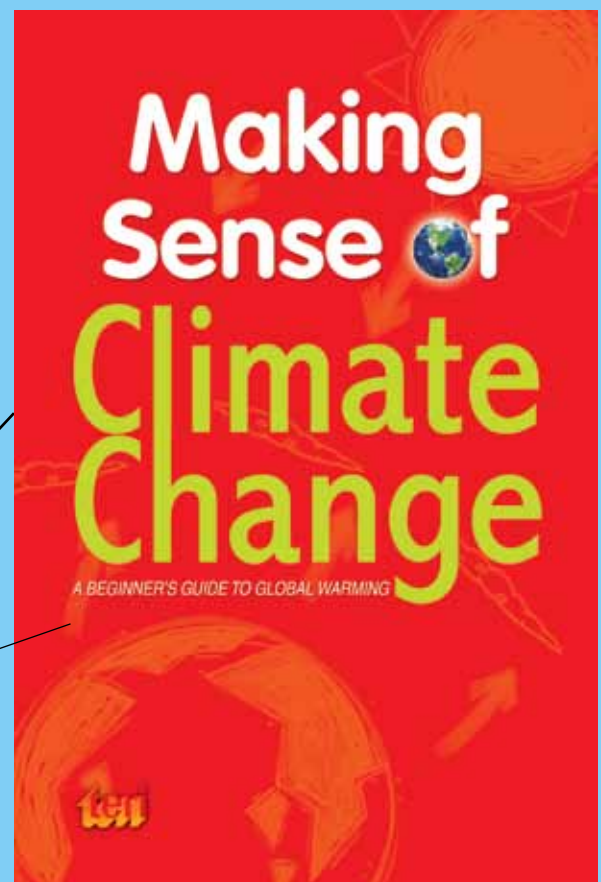
MAKING SENSE OF CLIMATE CHANGE

Climate change is the single largest environmental threat facing the planet, and we need to act fast to mitigate it. There is much that needs to be done and much that can be done to halt the catastrophic impacts of climate change. *Making Sense of Climate Change* discusses the causes, the impacts, as well as possible solutions, to tackle the problem at the individual, community, and global level in a simple easy-to-read style for the general reader.

Specifications

- Age group: 14-16 years
- 150×240 mm
- 64 pp
- Paperback

A simple guide on the causes and effects of climate change



NATURE'S FURY

Authors: **Reena I Puri, Vineeta Singh, Benita Sen**

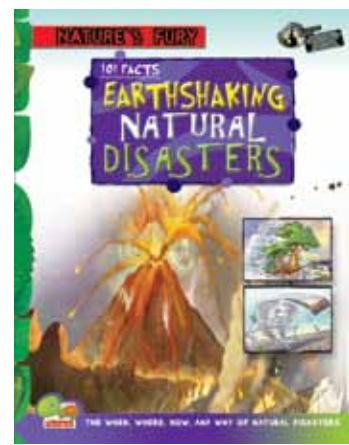
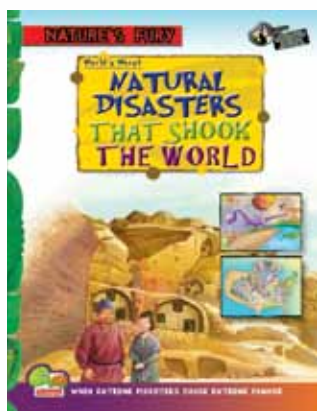
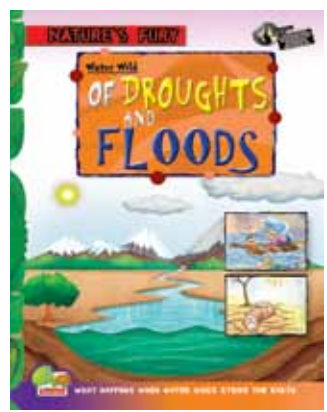
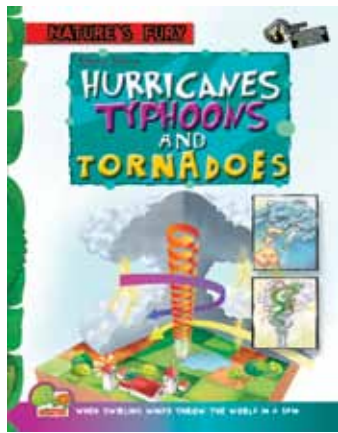
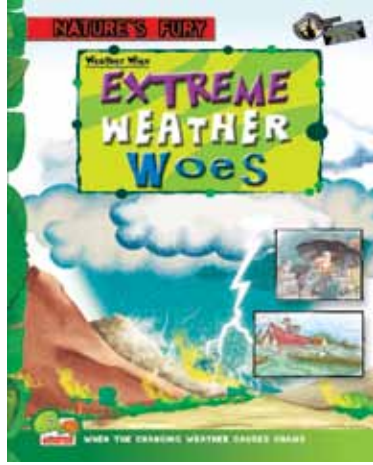
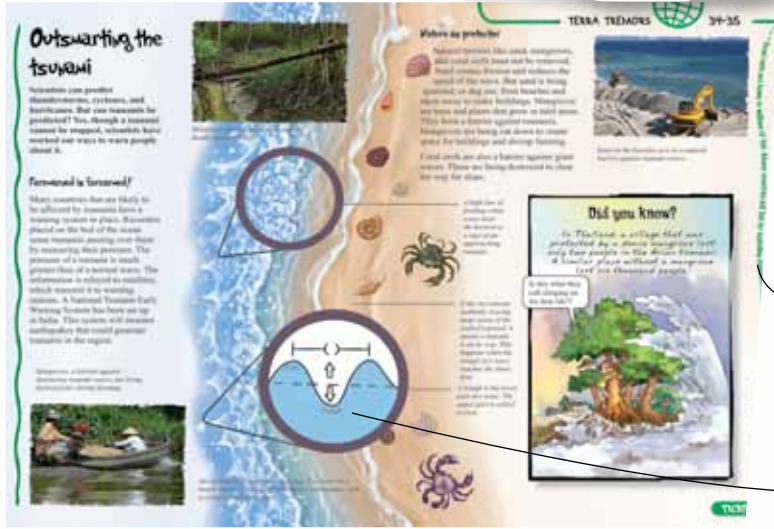
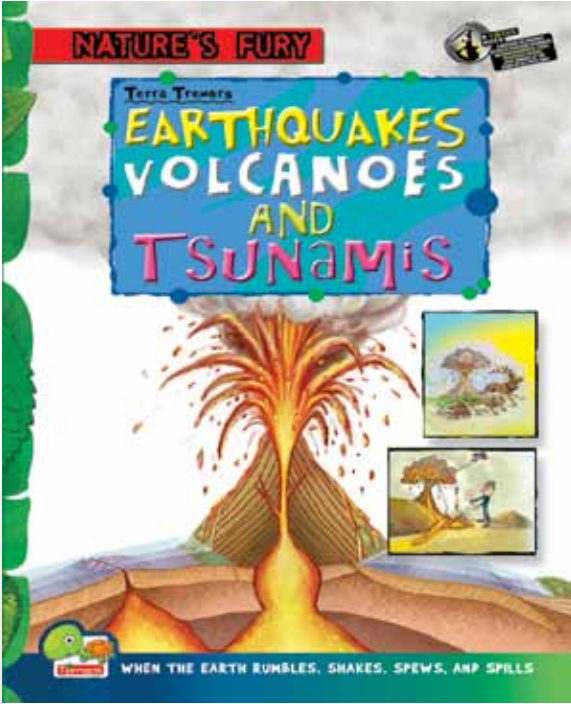
The series explains the fury of nature—from earthquakes and tornadoes to flash floods and droughts. It helps in educating children about natural phenomena, and their causes and consequences.

- Titles in the series**
- Terra Tremors — Volcanoes, Earthquakes, and Tsunamis
 - Weather Wise — Extreme Weather Woes
 - 101 Earthshaking Facts on Natural Disasters
 - Storm Story — Hurricanes, Typhoons, and Tornadoes
 - World's Worst — Natural Disasters that Shook the World
 - Water Wild — Droughts and Floods

Age group
8-12 years

Specifications

- Size 210×230 mm
- 46 pp
- Hardback

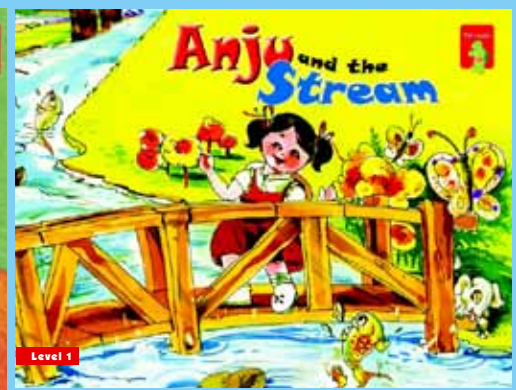
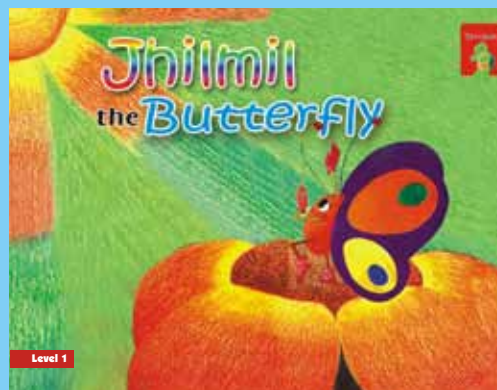
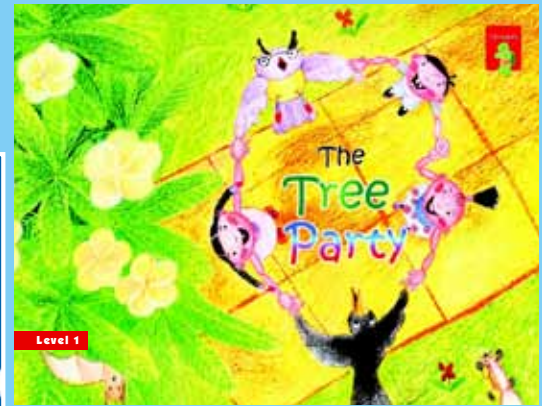


READERS (Level 1)

Authors: **Sharmila Sinha, Nandini Oberoi, Vijaylakshmi Nagaraj, R P Subramanian**
 Learn about nature as you flit with Jhilmil the butterfly, take a flight with Birdy, sing a ditty with a stream, and join your friends for a tree party!

Specifications

- Age group: 5-7 years
- 240×180 mm
- 24 pp
- Paperback



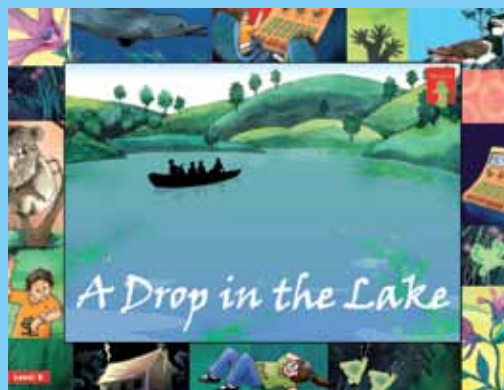
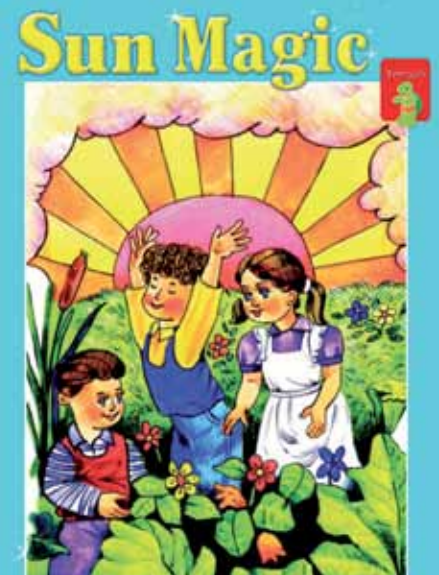
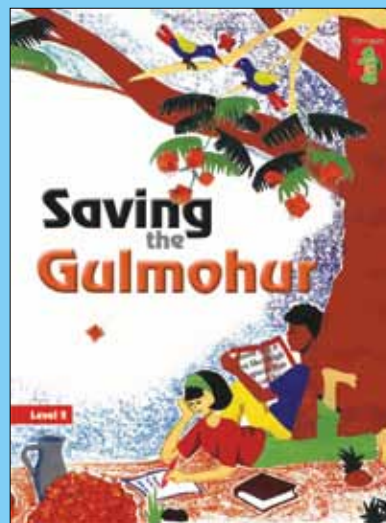
READERS (Level 2)

Authors: **Nandini Oberoi, Vijaylakshmi Nagaraj, R P Subramanian**

The earth is in peril! Learn how forests and lakes can be protected. Join Zara and her friends to save the Gulmohur and discover the magic of the sun.

Specifications

- Age group: 6-8 years
- 240×180 mm
- 32 pp
- Paperback

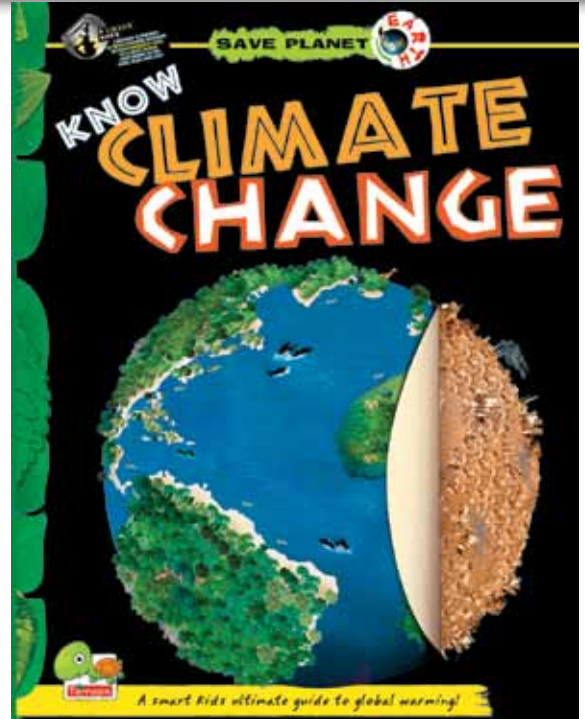


SAVE PLANET EARTH

Authors: Tanya Luther Agarwal, Benita Sen

This innovative series introduces children to the perils of climate change. Children will bear the brunt of the impacts of climate change in the years to come. It is, therefore, important that they understand the influence of human actions on the Earth's climate. Lucid text, reviewed by experts, and beautiful photographs, detailed illustrative work, and innovative designs make this series a must-have for kids who care.

"The series is geared towards enhancing the 'green quotient' in our future generation through literature that entertains while preparing them for a 'green' tomorrow." (ANI)

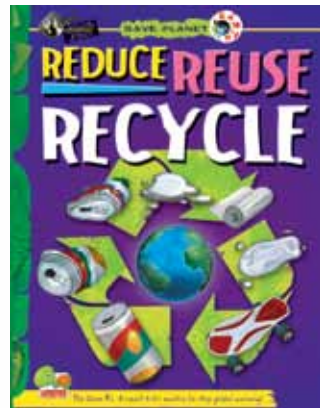
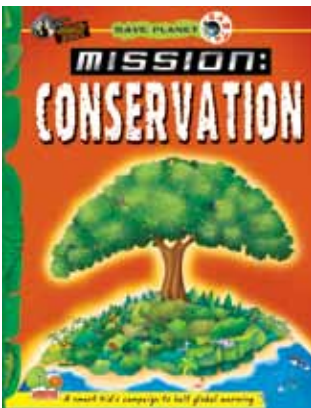


- Titles in the series**
- Know Climate Change
 - Future Power—Green Gadget Guide
 - 101 Q & A on Climate Change
 - Reduce Reuse Recycle
 - Mission Conservation
 - SOS - In Extreme Danger

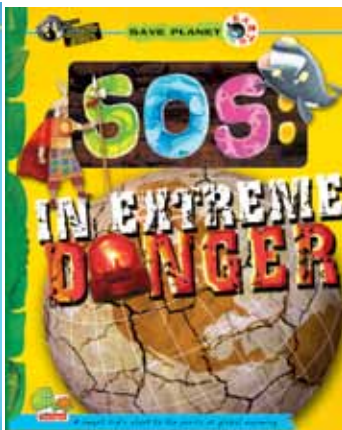
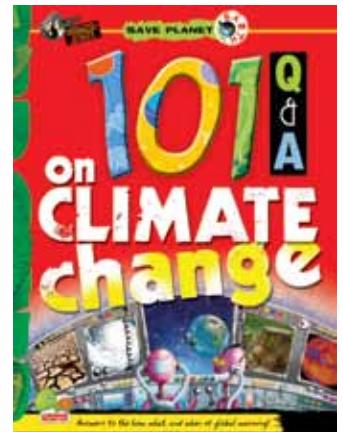
Age group
11–14 years

Specifications

- Size 216×280 mm
- 46 pp
- Hardback



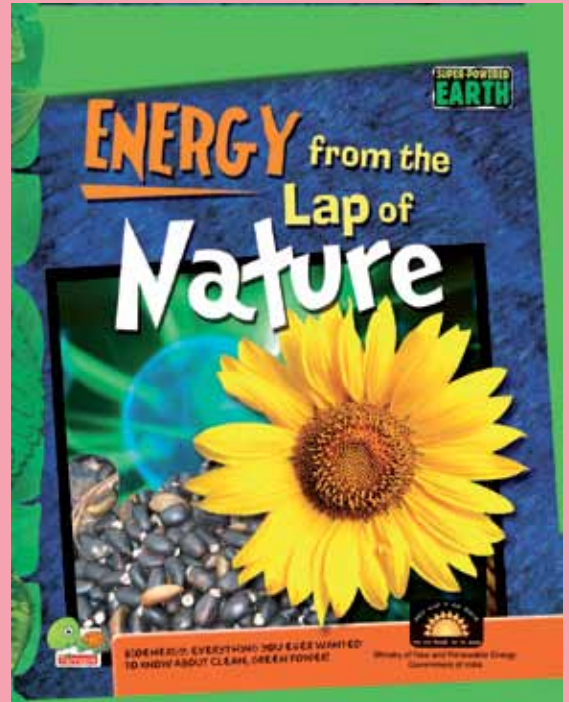
- Series features**
- Glossary
 - Green DIY tips
 - Index
 - Labelled diagrams
 - Step-by-step activities



SUPER-POWERED EARTH

Authors: **Benita Sen, Moen Sen**

This series of six books aims at providing in-depth information on various renewable sources of energy like wind energy, hydro power, solar energy, atomic energy, hydrogen fuel, and biofuels. Each book provides extensive information on the unique quality of each of these energy forms. The series also informs the young reader about the advantages as well as the limitations of renewable sources of energy. They also provide an insight into how the renewable sources of energy are environment-friendly and how their use can save our Earth and its environment from further degradation. Beautifully designed and written in a simple, lucid style, these books are a must-read for young students.



Titles in the series

- Energy from the heart of hydrogen
- Energy from the gust of wind
- Energy from the rays of the sun
- Energy from the drop of water
- Energy from the lap of nature
- Energy from the nucleus of an atom

What is hydrogen?
*Hydrogen, tohohoh little star
 How I wonder what you are...*

Have you really ever wondered what that twinkling star is made of? Stars are mainly made of hydrogen. Even the sun is a huge ball of two elements, hydrogen and helium, with traces of other elements.

Simple does it!
 An element is the simplest known substance. There are more than a hundred known elements. Hydrogen is the simplest of them all. It has no colour, no taste, and no smell. It catches fire very easily. Hydrogen is available only in bonded form and not independently on the earth.

Up, up and away
 Remember the colourful hydrogen balloons? How fast they rise into the sky! Hydrogen is the lightest element and that's why a hydrogen balloon rises up, up, and away into the sky. This proves that hydrogen is lighter than air! Some of the largest hydrogen balloons were used in the eighteenth century. The French army used a hydrogen balloon to spy on the Austrian army during the battle of Fleurus in 1794.

The name is Hydrogen
 Hydrogen got its name from the Latin word 'hydrogenium', which means something that forms water. At 1781, French scientist Antoine Lavoisier, who found he could make water by putting together hydrogen and oxygen, gave hydrogen its name. In 1876, Irish scientist Robert Boyle produced hydrogen while working with nitric acid, but he didn't know what he had produced. It was almost a hundred years later, in 1786, that a British scientist named Henry Cavendish recognized the element as hydrogen.

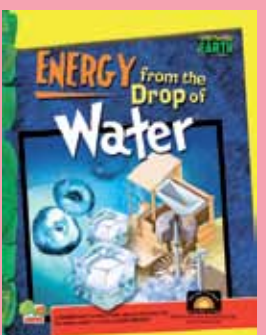
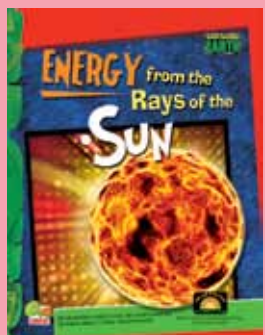
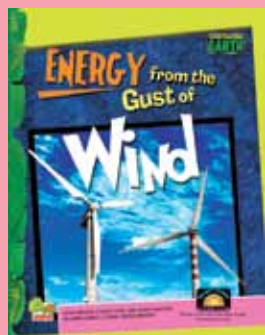
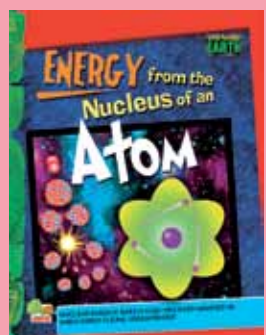
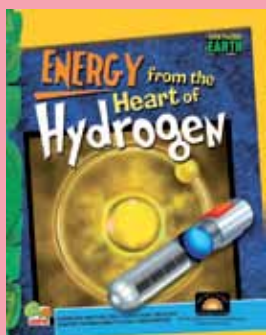
Hi, shake my paw!
 If all the hydrogen just whoshes past us into the atmosphere, how do we use it? Hydrogen is a friendly element. It gets along well with oxygen. When two hydrogen atoms hold hands with one oxygen atom, we get water (H₂O). Carbon also bonds well with atoms of hydrogen, and together they form hydrocarbons. All we have to do to obtain hydrogen, is to break about the chemical bonds.

The big bang
 On May 6, 1937, the Hindenburg airship, which used hydrogen as its propellant, the Hindenburg, piloted by Max Pruss, was flying from Frankfurt to Lakehurst. The two people on board died in the blast.

Age group
 11-15 years

Specifications

- Size 216×280 mm
- 30 pp
- Hardback



Audio-visuals



An area of darkness



Taj Mahal



Daughters of the soil



Learning to dream again



Water ignites life and hopes



Global warning!



To their credit...



Where is my dinner?



A new prescription



Shifting power



Threads of life



Give us a life, please!



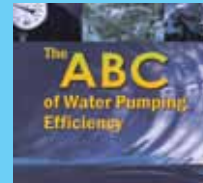
Forests



Rural resources



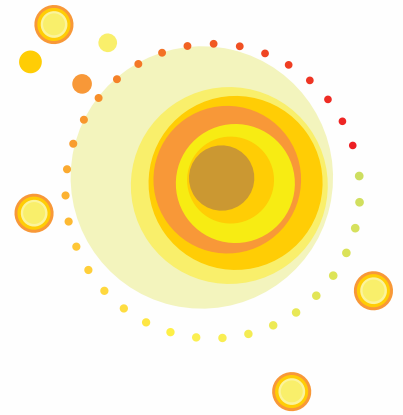
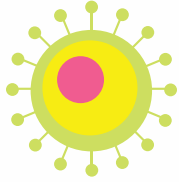
Community Adoption Monitoring Programme in Schools



The ABC of Water Pumping Efficiency



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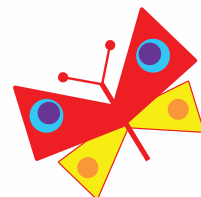
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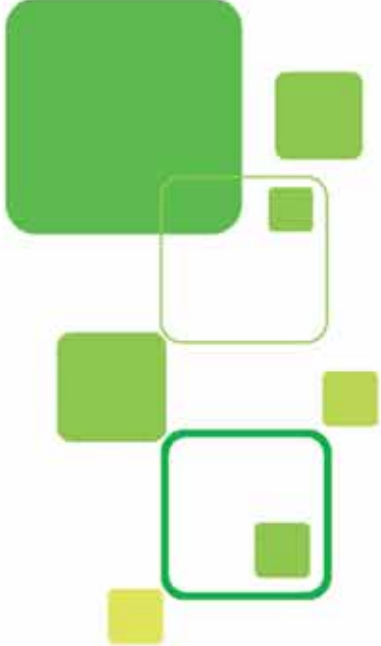
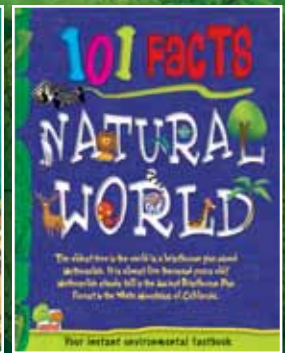
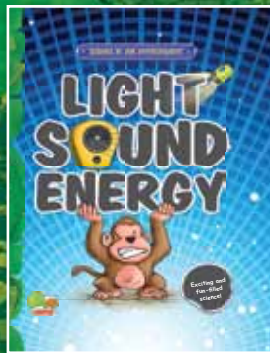
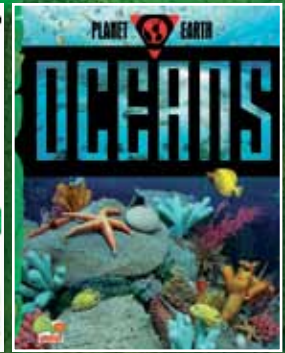
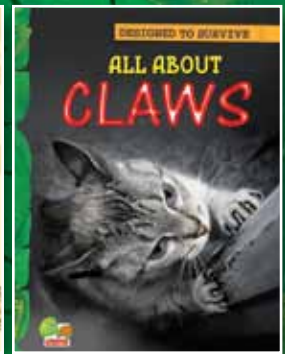
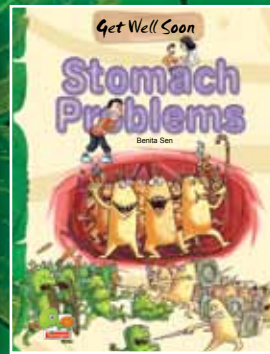
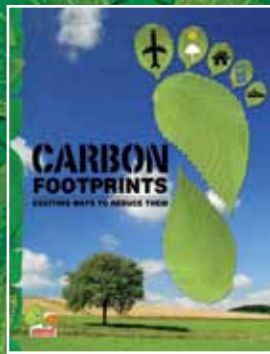
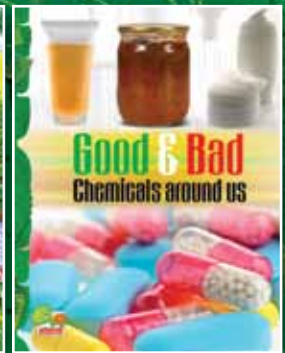
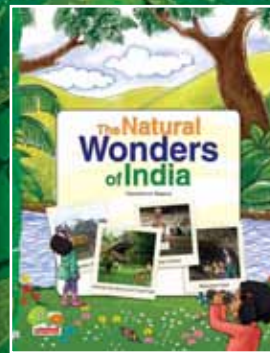
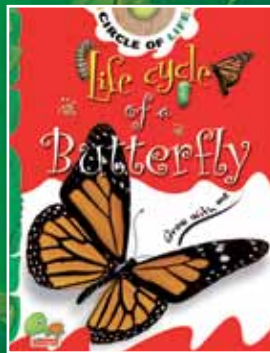
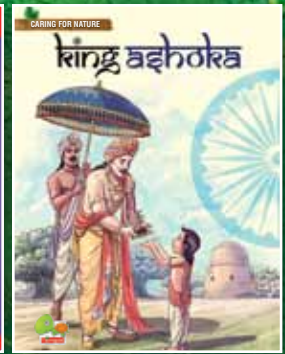
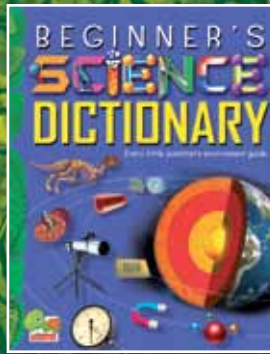
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