



WINDMILL
BOOKS



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WINDMILL
BOOKS

BOLOGNA **2024**
FRONTLIST TITLES



Contents

NEW PROJECTS

Health Matters.....	4
If I Like.....	6
Moneywise	8
Be the Change!	10
How People Live	12
Science Starters (Computers)	14
Timelines in Science.....	16
Measure It With Math!	18
Living With	20
Pet Detectives	22
Science Starters (Environment)	24
Cool Computing Jobs	26
Cool Concepts in Chemistry	28
Core Concepts in Biology	30
Doomed History	32

HEALTH MATTERS

Our bodies are amazing. These engaging books show how we can keep our bodies and minds safe and healthy. With a focus on the positive, the books look at how our bodies work and provide simple tips to help readers stay happy and healthy.



Specifications:

Grades K-2, Ages 6-9

203 x 203 mm (8 x 8 in)

24 pp., 1800 words, 20-25 photos and diagrams

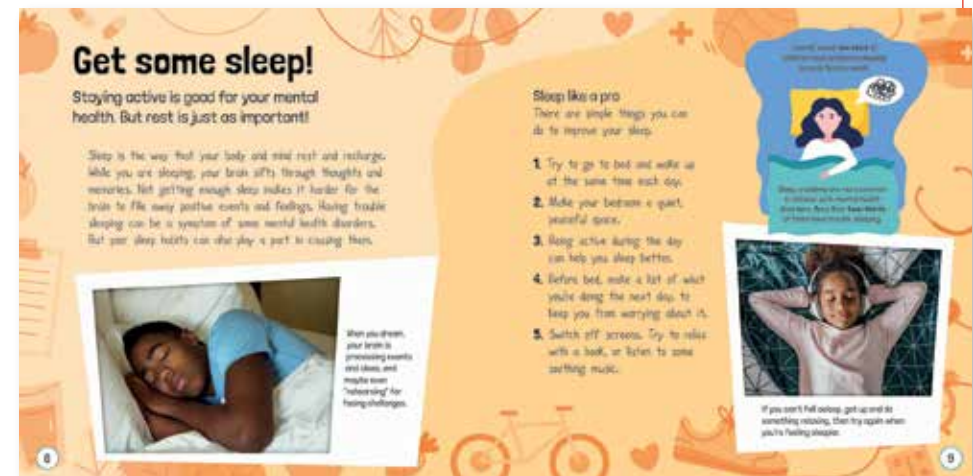
No. of volumes: 6

Key selling points:

- Clear, straightforward text explains concepts in an accessible way.
- Infographics add extra factual content.
- Short quizzes reinforce learning.

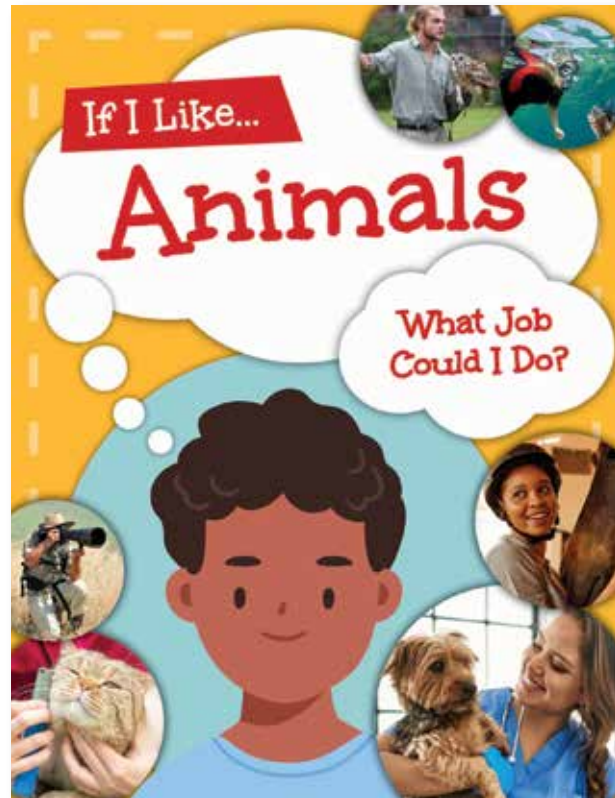
Volumes:

- Healthy Eating
- Healthy Mind
- It's My Body
- Keeping Clean and Healthy
- Staying Active
- Staying Safe



IF I LIKE

The best jobs are those that make us happy. This exciting series gets young children thinking about what might be their dream career. Starting from their passions and enthusiasms, the books explain what each job involves, and how to get there. Whether you want to be astrophysicist or a vet, these books are full of tips and inspiration.



Key selling points:

- Infographics and fact boxes present interesting asides.
- The books include jobs that require academic qualifications as well as vocational careers.
- Each book ends a quiz, glossary, and ideas for finding further information.

Volumes:

- Animals
- Art and Design
- Computers and Video Games
- Helping People
- Making and Building
- Sports and Games

Specifications:

Grades 2–5, Ages 7–10

229 x 178 mm (7 x 9 in)

24 pp., 1500 words, 20–25 photos, maps and artworks

No. of volumes: 6





MONEYWISE

Moneywise introduces young readers to the concept of money and how it affects our everyday lives. With engaging illustrations and simple text, the books look at the basics of how money works and how we use it. Readers will learn how to distinguish between needs and wants, as well as how to manage their money and make sound financial decisions.



Specifications:

Grades K-3, Ages 5-8

203 x 203 mm (8 x 8 in)

24 pp., 1400 words, 20-25 photos and diagrams

No. of volumes: 6

Key selling points:

- Clear, straightforward text explains money-related concepts.
- Attractive, attention-grabbing visuals.
- The need for increased financial literacy for children is widely acknowledged.

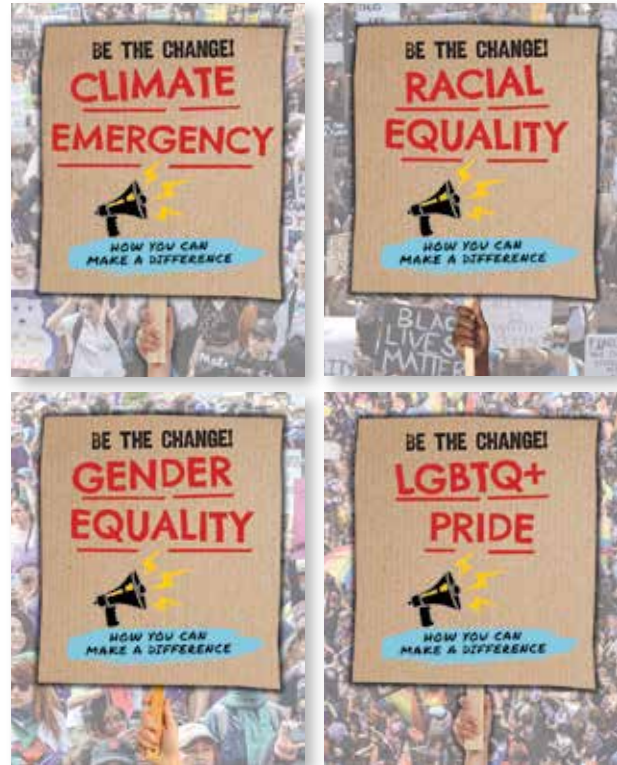
Volumes:

- Borrowing Money
- Earning and Spending
- Keeping Money Safe
- Managing Money
- Smart Spending
- What is Money?



BE THE CHANGE!

All around the world, young people are working together to bring about change. This series shows how individual actions can have an impact at local and international levels. Stories of successful campaigns and activists, along with tips and advice, will inspire readers to turn their passions into actions. Get ready to change the world!



Specifications:

Grades 6–8, Ages 11–13

229 x 178 mm (7 x 9 in)

32 pp., 3500 words, 30–35 photos, maps and artworks

No. of volumes: 6

Key selling points:

- Sensitive and informative accounts of key topics.
- Speak Up! boxes tell the stories of young activists and their achievements.
- Each book ends with an Activist Toolkit, to help readers start their own successful campaigns.

Volumes:

- Animal Rights
- Climate Emergency
- Gender Equality
- LGBTQ+ Pride
- Racial Equality
- Rights for Migrants and Refugees



Chapter 4 Stand Together

Many people believe that governments and other organizations are too slow to act. They put pressure on them to act more quickly. They do this through protest and direct action.

A growing movement of activists believes that only direct political action will bring about the change that is needed. Different groups are staging protests to raise public awareness and to try to force governments to take action.

Tactics
The groups use different tactics. Extinction Rebellion (XR), founded in 2018, causes widespread disruption in cities. XR activists use tactics known as civil disobedience, which were used by civil rights campaigners in the 1960s. They refuse to obey the law, but they do not use violence. In Paris, France, Parkour activists use their free-running skills to turn off street lights that are being left on all night.



Extinction Rebellion supporters take part in a "die-in" protest. The group uses non-violent peaceful actions to highlight its demands.



Greta Thunberg (center), Fridays for the Future combines large demonstrations with advocacy and on-line protest.

Speak Up

Fridays for the Future
Swedish schoolgirl Greta Thunberg was only 15 years old in August 2018, when she began to take every Friday off school to protest climate change outside the Swedish parliament. Initially alone, she was soon joined by other students. They created the hashtag #FridaysfortheFuture and encouraged other students to join them. The idea spread to other countries and now involves millions of people who organize local protests for international demands. The youth-led movement, Fridays for the Future, calls for immediate action on climate change, including keeping global temperature increases below 1.5 degrees.

Chapter 5 Your Activist Toolkit

The world's animals need your help! There are many ways to get involved in the fight for animal justice. Join the millions of young people already working to force positive changes.

You can begin by finding out what animal rights groups, such as a Roots & Shoots chapter, exist in your community. If there is nothing nearby, you can join a group online, but make sure your parent or guardian approves. Also, consider starting your own group with your friends and people at school.

Setting Goals
Animal rights activists fight for rights in different areas. Some focus on animal cruelty in entertainment or factory farming. Others are trying to stop animal trafficking. Think about the issue that you care about the most and focus on that.



Do you want to campaign on general issues or focus on a particular subject? Either way, getting basic information about how to organize a protest.



The internet is a powerful tool for activists. Use it to research information, find out about campaigns, and to contact other activists.

Educate Yourself

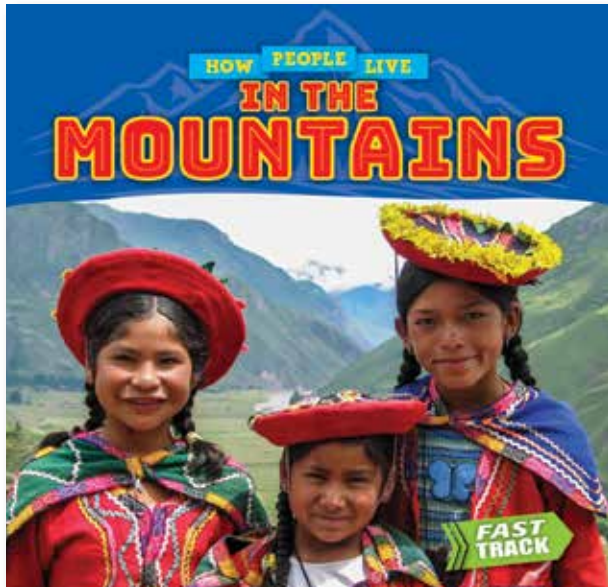
To be an effective animal rights activist, you need to know the facts. Sign up for newsletters from established organizations, such as peta2. Enroll in free online courses for young people on animal rights issues and activism and read as much as you can. Do your research about laws and policies, including local ones.

Gather Resources

What resources do you have and what do you need? People can be a great resource. They can provide information, introduce you to others who can help, and help with ideas. Maybe you know someone who works at your local animal shelter, for example. Also, think about how much time you have and what talents you can offer. Maybe you are a good organizer or perhaps you can teach people how to make vegan food.

HOW PEOPLE LIVE (A FAST TRACK SERIES)

People live in all kinds of places, from bustling cities to remote mountains. This fascinating series takes readers on a journey around the world. By focusing on everyday activities, it shows how people's lives can be very different, but also very similar, to our own.



Key selling points:

- Levelled text, perfectly pitched for the age group.
- Features kid-friendly concepts and activities.
- Bright colourful design and attractive photos.

Volumes:

- By the Coast
- In Cities
- In Deserts
- In Forests
- In the Mountains
- In the Tundra

Specifications:

Grades K-2, Ages 5-7

203 x 203 mm (8 x 8 in)

24 pp., 600-650 words, 20-25 photos and diagrams

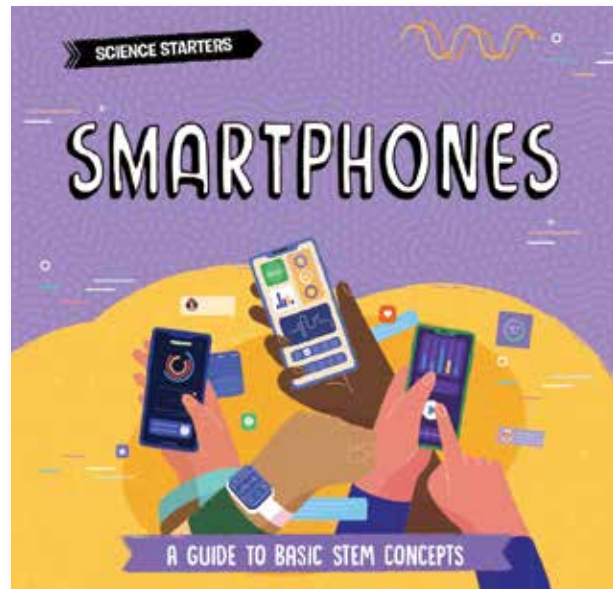
No. of volumes: 6





SCIENCE STARTERS (COMPUTERS)

Computers are everywhere: at school, in our homes, and in factories and offices. Many people have a mini-computer in their pocket! This engaging series looks at computers and their uses, with an emphasis on the STEM principles that underpin how they work.



Specifications:

Grades 2–5, Ages 6–9

203 x 203 mm (8 x 8 in)

24 pp., 1200 words, 30–35 photos and diagrams

No. of volumes: 6

Key selling points:

- STEM ideas are clearly explained.
- Photos and diagrams support the information.
- Each book ends with a quiz to test knowledge.

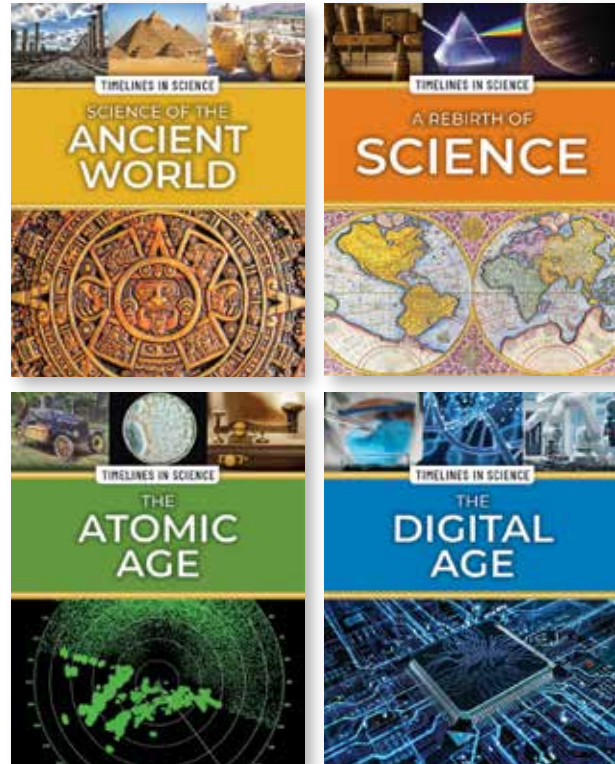
Volumes:

- Artificial Intelligence
- Coding and Programming
- How Computers Work
- The Internet
- Robotics
- Smartphones



TIMELINES IN SCIENCE

This fascinating series guides readers through the history of science, from the ancient world to current developments, mapping key scientific discoveries and introducing some of the scientists and inventors who made them. Taken as a whole, the series provides a comprehensive history of science, from the discovery of fire to artificial intelligence.



Specifications:

Grades 6–8, Ages 11–14

229 x 178 mm (7 x 9 in)

64 pp., 20,000 words, 60 photos, diagrams and artworks

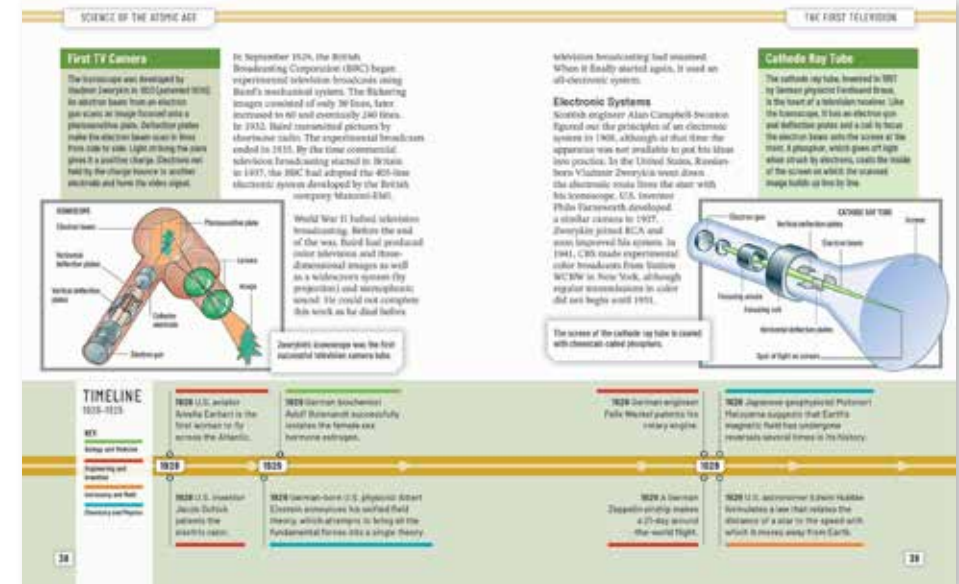
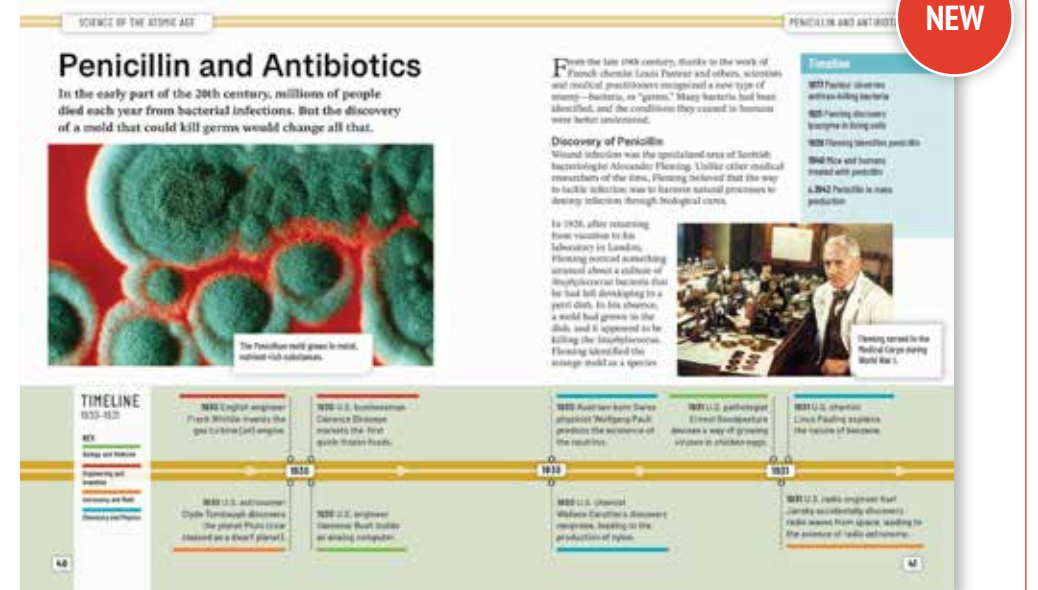
No. of volumes: 7

Key selling points:

- Colour-coded timelines show the chronology of discoveries.
- Fact boxes and sidebars enhance the learning.
- Clearly written text is supplemented with and artworks and carefully chosen photographs.

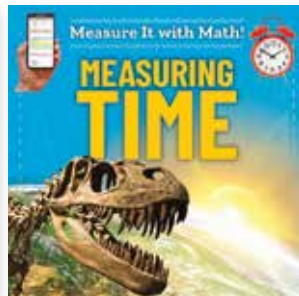
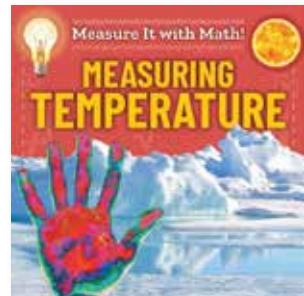
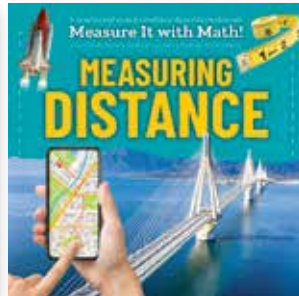
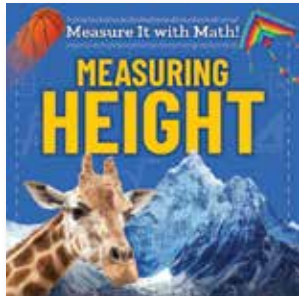
Volumes:

- Science of the Ancient World
- Science of the Middle Ages
- A Rebirth of Science
- The Industrial Revolution
- The Electric Age
- The Atomic Age
- The Digital Age



MEASURE IT WITH MATH!

Measurements play an important part in everyday life, from checking how cold it is outside to weighing out ingredients to bake a cake. This bright and colourful series looks at different kinds of measurement and the math behind them. A practical project at the end of each book helps readers practice what they have learned.



Specifications:

Grades 2–5, Ages 6–9

203 x 203 mm (8 x 8 in)

32 pp., 3250 words, 30–35 photos and diagrams

No. of volumes: 8

Key selling points:

- Real-world examples and amazing facts.
- Accessible text and clear diagrams.
- Books include imperial and metric measurements.

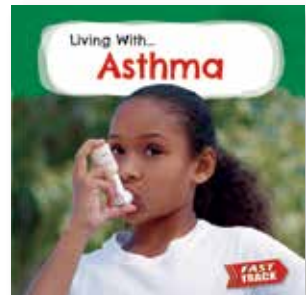
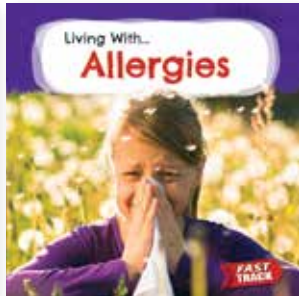
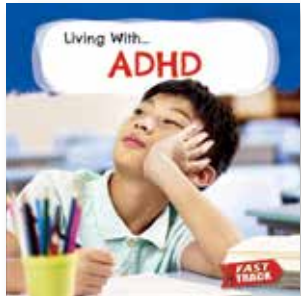
Volumes:

- Measuring Area
- Measuring Distance
- Measuring Height
- Measuring Speed
- Measuring Temperature
- Measuring Time
- Measuring Volume
- Measuring Weight



LIVING WITH (A FAST TRACK SERIES)

Many people live with long-term health conditions. Knowing the facts can make the journey easier. Whether readers live with the condition themselves, or know someone who does, this series is packed with information to help them live life to the fullest.



Key selling points:

- Clear, accurate text.
- Books have a positive and reassuring approach.
- Carefully selected photos and graphics enhance the information.

Volumes:

- ADHD
- Allergies
- Anxiety and Depression
- Asthma
- Diabetes
- Obesity

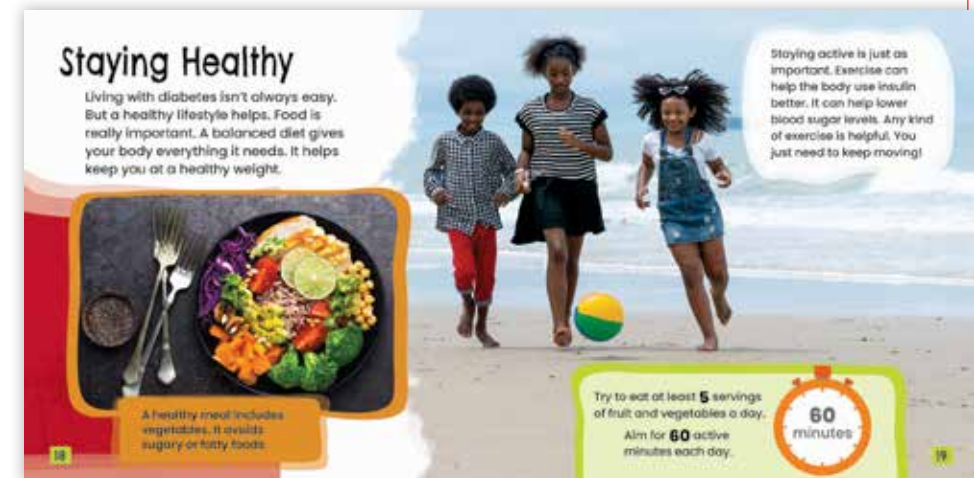
Specifications:

Grades K-2, Ages 5-7

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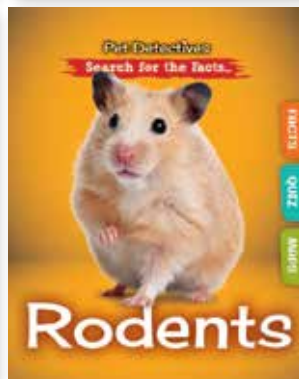
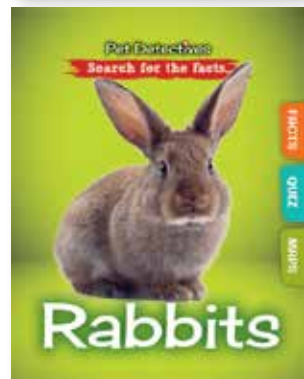
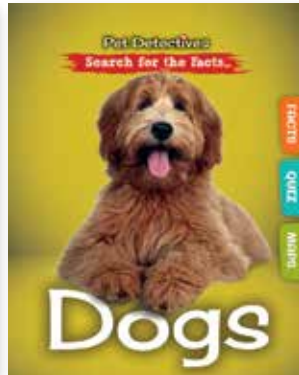
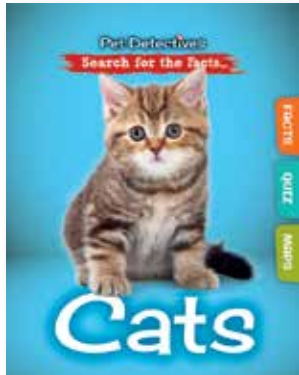
24 pp., 600-650 words, 20-25 photos and diagrams

No. of volumes: 6



PET DETECTIVES (A DETECTIVES SERIES)

The latest addition to our successful *Detectives* brand, this series lets readers uncover facts about pets. Choose the pet that fits into your family, and learn how to keep your pet happy and healthy. Profile spreads focus on family-friendly breeds and species. Fantastic facts and the lively design make this the perfect series for pet owners and animal lovers.



Specifications:

Grades 2–4, Ages 6–9

229 x 178 mm (7 x 9 in)

24 pp., 700 words, 20–25 photos, maps and artworks

No. of volumes: 6

Key selling points:

- Guides help readers identify their perfect pet.
- Factfiles, Wow! boxes, and maps present information in different ways.
- Breed profiles focus on well-known and less familiar examples.

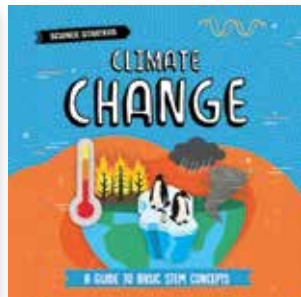
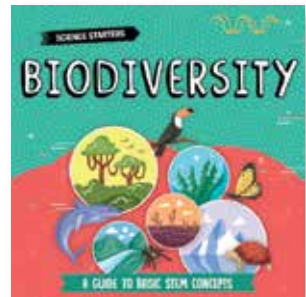
Volumes:

- Cats
- Dogs
- Fish
- Rabbits
- Reptiles
- Rodents



SCIENCE STARTERS (ENVIRONMENT)

Our planet is an amazing place, but human activities are putting it at risk. These colourful books introduce readers to six key environmental topics. With a focus on STEM concepts and positive actions that people can take, this series gives readers the information they need to become environmentally aware citizens.



Key selling points:

- Presents key facts about the environment.
- Accessible text, perfectly judged for the age group.
- Straightforward diagrams explain STEM concepts.

Volumes:

- Biodiversity
- Climate Change
- Energy
- Natural Resources
- Pollution
- Waste

Specifications:

Grades 2–5, Ages 6–9

203 x 203 mm (8 x 8 in)

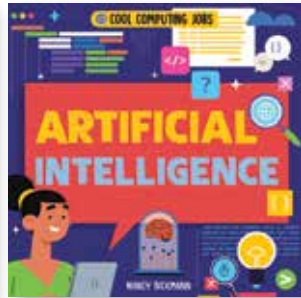
24 pp., 1200 words, 30–35 photos and diagrams

No. of volumes: 6



COOL COMPUTING JOBS

Computers and digital technology affect almost every aspect of our lives. This series looks at the people that make all this possible, from app designers to programmers. Readers will find out how the concepts and skills they study at school can one day lead to exciting careers in the world of digital technology.



Specifications:

Grades 1–4, Ages 6–9

203 x 203 mm (8 x 8 in)

32 pp., 1800 words, 25–30 photos and diagrams

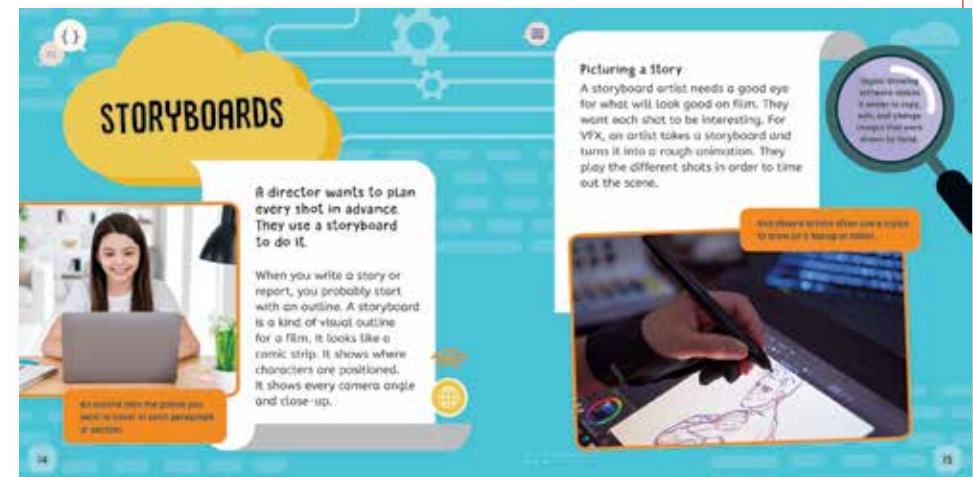
No. of volumes: 6

Key selling points:

- Encourages readers to consider different aspects of computer technology.
- Fact boxes add extra information.
- A quiz helps readers choose their ideal tech career.

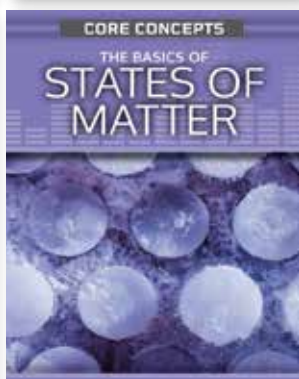
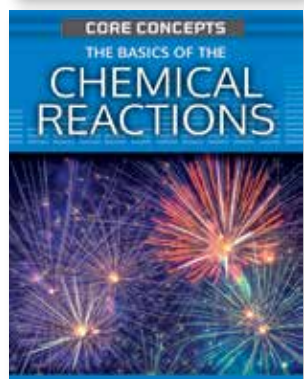
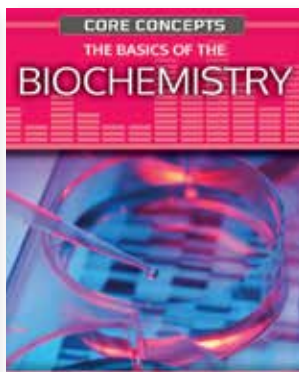
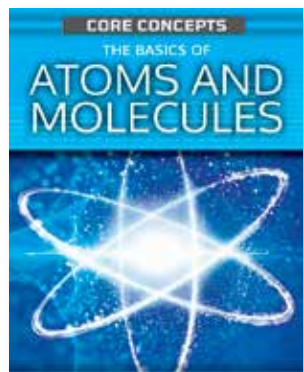
Volumes:

- App Design
- Artificial Intelligence
- Computer Animation
- Computer Games
- Robotics
- Web Design



CORE CONCEPTS IN CHEMISTRY

Put simply, chemistry is the study of matter. It concerns everything in the universe and links to all other areas of science. This series gives readers a solid foundation in core chemistry topics. A companion to our highly regarded Core Concepts in Biology (pages 30–31), these books offer an up-to-date and easily digested guide to this important subject.



Volumes:

- Atoms and Molecules
- Biochemistry
- Chemical Reactions
- States of Matter

Coming in Spring 2024:

- Chemistry
- Metals and Metalloids
- Nonmetals
- Organic Chemistry
- Periodic Table



Specifications:

Grades 7–12, Ages 12–17

187 x 235 mm (7.375 x 9.25 in)

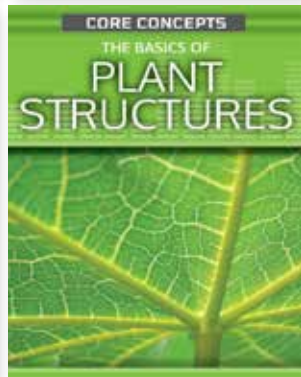
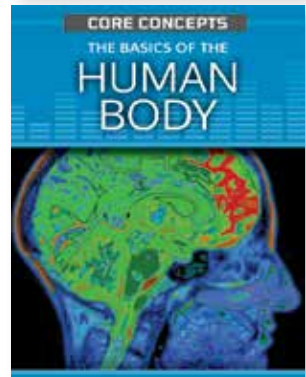
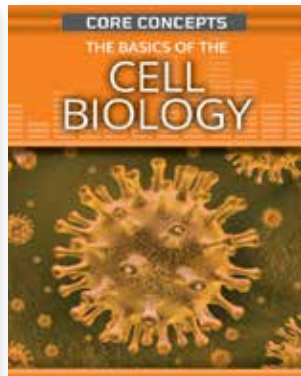
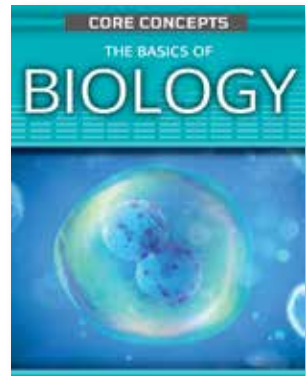
96 pp., 18,000 words, 75 photos and artworks

No. of volumes: 4



CORE CONCEPTS IN BIOLOGY

Understanding fundamental concepts is key to success in any academic discipline. These comprehensive and informative volumes provide an up-to-date account of core biology topics. Sidebars take a deeper dive into topics, suggest safe projects that students can carry out, and look at cutting-edge applications of the subjects.



Volumes:

- Animal Systems
- Biology
- Cell Biology
- Ecology
- Evolution
- Genetics
- Human Body
- Microbes
- Plant Structures
- Reproduction

Specifications:

Grades 7–12, Ages 12–17

187 x 235 mm (7.375 x 9.25 in)

96 pp., 18,000 words, 75 photos and artworks

No. of volumes: 10

THE BASICS OF CELL BIOLOGY

the air. Transpiration pulls the water up through the xylem. Before this water can be used, sugars and other molecules need to be carried through the plant. Dissolved in water, they move around the plant through a different system of cells called the phloem. Unlike the xylem, the phloem cells are alive. A mesh of sieve plates allows the contents of one cell to flow into the next.

Animal Tissue
In animals (and all animal tissues that their main groups depending on the way they develop to the embryo. They are being, supporting, muscle, and nerve cells.

Epithelial Cells
Epithelial (living) cells join to form sheets that cover the surface of the body, as well as the inner surfaces of organs. The inner surfaces of organs are lined by cuboidal cells. Cells on the skin surface divide rapidly to replace cells that are sloughed. Sloughed cells, epithelial cells that line the air sacs of lungs form a tissue just one cell thick. It allows oxygen to pass easily into the blood and carbon dioxide to move out. Cells lining the windpipe are shaped like columns. They are covered with tiny projections called cilia. The cilia beat in unison to send mucus to the back of the throat, where it is swallowed. Cells line small sacs called glands. Glands release products such as hormones. These glands in the gut release chemicals called enzymes that digest food. Insect glands are tubes that secrete the skin. Flaking exoskeletons the glands fill with water and dissolved salts. These concentrations of water pass into and through epithelial cells lining the insect glands.

Connective Tissues
Tissues important for packing and support are called connective tissues. Cartilage, bone, and blood are all types of connective tissues. Their cells are usually widely separated and are surrounded by complex mixtures of materials, such as collagen fibers. This kind of loose tissue occurs around all the organs of the body. It also connects the skin to structures directly beneath it. Dense connective tissue containing many fibers occurs where greater strength is needed, such as in ligaments and tendons. Harder types of connective tissues include cartilage and bone. Bone gets its strength

DIFFERENT TYPES OF CELL

↑ Adipose, or fat, tissue is a type of connective tissue. The lipid-filled cells serve as energy supplies, cushion the internal organs, and insulate the body against the cold.

CELLULAR ERRORS

Sometimes errors occur in cell differentiation. If white blood cells start to multiply uncontrollably, a kind of cancer of the blood called leukemia develops. There are various types of white blood cells, such as granulocytes and lymphocytes. Similarly, there are several kinds of neurons. The type of disease depends on which blood cells are multiplying out of control.

EPITHELIAL CELLS IN ANIMALS

↑ 1. Absorptive cells have tiny, finger-like extensions called microvilli. They increase the area available for absorption of molecules from outside. The mucus of the gut also coats by these types of cells.

↑ 2. Columnar cells have boxes of tall, thin cells that line to some things suspended in fluids, such as mucus. Mucus in the windpipe is moved by ciliated cells. Cilia help mucus flow downwards to get around.

↑ 3. Secretory cells release products called enzymes. The vesicles rupture to release a substance into a body cavity, such as the skin or into the gut. These glands, for example, are lined by secretory cells.

THE BASICS OF PLANT STRUCTURES

SPECIES FROM ELSEWHERE

In the past many plants in the United States were introduced, accidentally or otherwise, from overseas. Straight in plants often do not fare well and soon die out, but sometimes a species that is new to an area has a major effect on native plants and animal communities. One example was brought in from Hawaii in the late 19th century. It grows on the surface of ponds and rivers at an extraordinary rate. The plant keeps creeping from reaching the water below, so other creatures die. Having a ship or boat through stretches of water containing these plants, becomes almost impossible since they grow very thickly. The best way to control water hyacinth is by using biological control agents such as the water weevil (a type of beetle), which has been successful in some areas.

Some ornamental plants have particular meanings in the West and some are an expression of love, while others are often seen at funerals. One flower is a symbol of peace and friendship.

↑ These dye is made from powder from the better plant. It is used to make temporary decorations for the skin and to color hair.

PEOPLE AND PLANTS

↑ The Japanese Garden and pond in the Devonian Botanic Garden, The Botanic Garden is home to more than 12,000 different kinds of plants.

Rare and Endangered Plants

Human activities have made some plants become very rare. In fact, so many plants have become very rare that they are all part of the red list of plants in the world that are in danger of becoming extinct. In 1992, the United Nations Convention on Biological Diversity was established to protect plants, animals and birds, but this purpose.

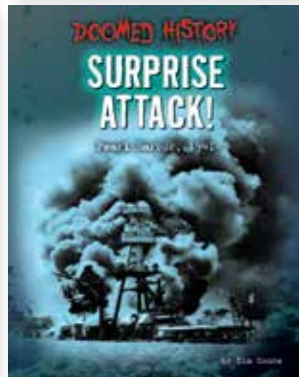
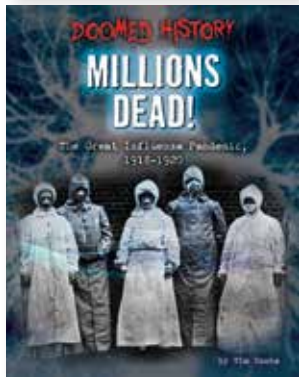
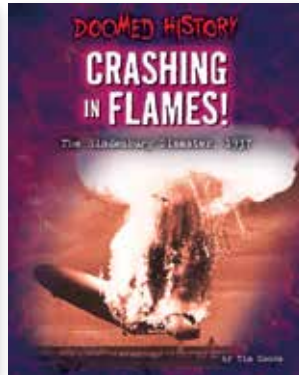
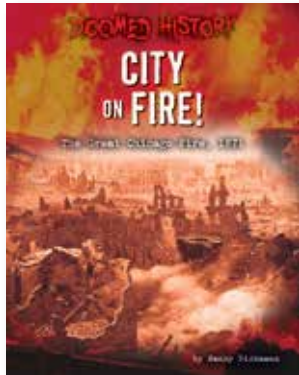
DOUBLE FLOWERS

'Double' flowers are those with many petals. The reason, in these flowers the stamens have been replaced by petals due to natural mutations or artificially selected by plant breeders.

↑ Double flowers produce only a little or no pollen, so cannot reproduce through pollen transfer in ordinary or impossible. These ornamental flowers have been bred purely for ornamental value as garden plants. Like most fruit trees, their reproduction is normally from cuttings and clones.

DOOMED HISTORY

People often talk of being in the wrong place at the wrong time, but imagine being in Pompeii the day that Mt Vesuvius erupted or on the *Titanic's* fateful voyage? This high-interest series takes readers to some of the most dangerous places in history, revealing how events unfolded, who survived and who was doomed, and what happened next:



Specifications:

Grades 4–7, Ages 9–12

279 x 229 mm (6½ x 9 in)

32 pp., 2250 words, 20–25 photos and artworks

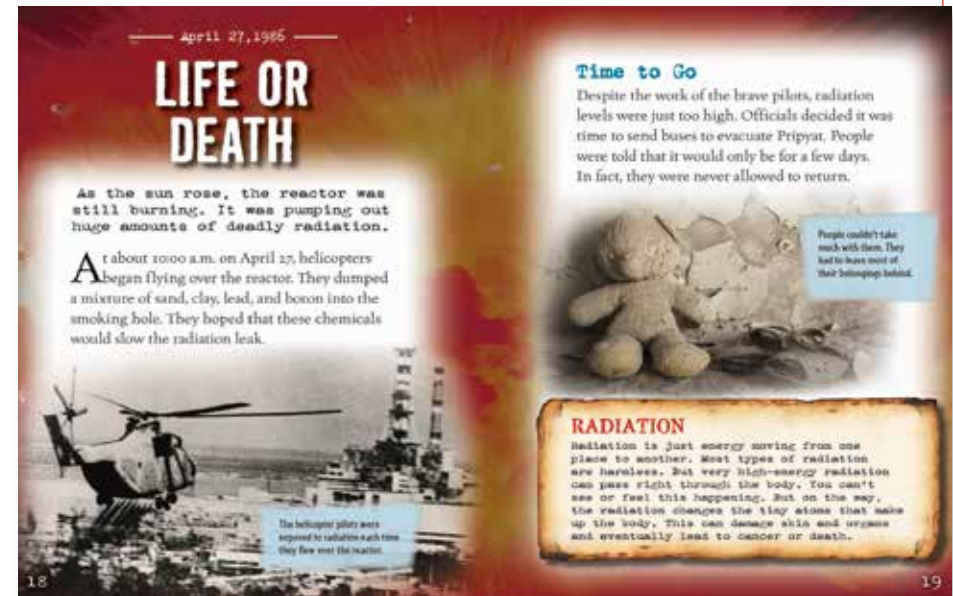
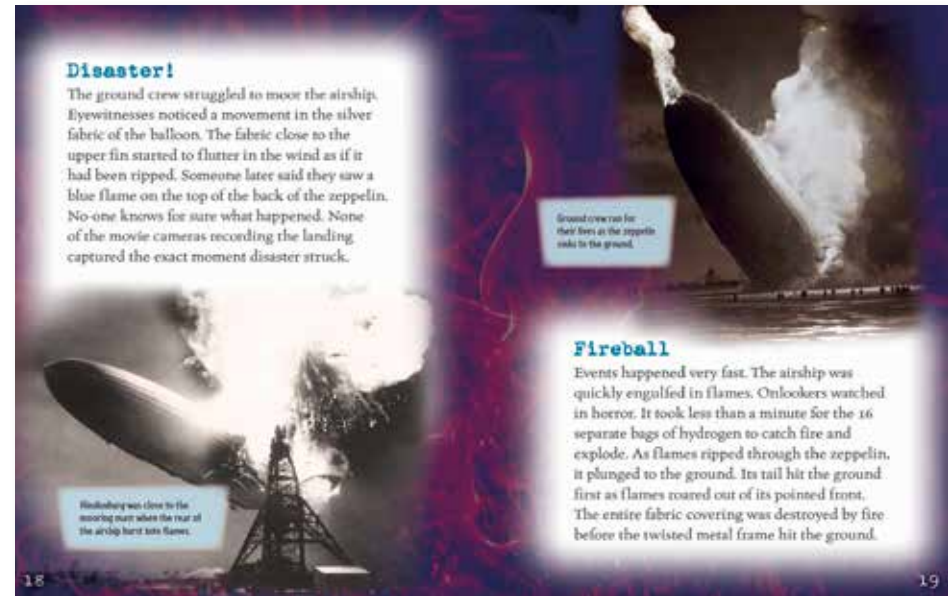
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New titles:

- City on Fire! (Great Chicago Fire, 1871)
- Crashing in Flames! (The Hindenburg Disaster, 1937)
- Millions Dead! (The Flu Epidemic, 1918–1920)
- Mission Disaster! (Challenger 1986 and Columbia 2003)
- Radiation Disaster! (Chernobyl, 1986)
- Surprise Attack! (Pearl Harbor, 1941)

Existing titles:

- Accused of Witchcraft! (Salem, 1692–1693)
- Death at the South Pole! (Antarctica, 1911–1912)
- Earthquake Disaster (San Francisco, 1906)
- The Great Plague (London, 1665–1666)
- Mt Vesuvius Erupts! (Pompeii, 79 CE)
- Sunken Ship of Dreams (The Titanic, 1912)



Index

Be the Change!	10
Cool Computing Jobs	26
Cool Concepts in Chemistry	28
Core Concepts in Biology	30
Doomed History	32
Health Matters	4
How People Live	12
If I Like.....	6
Living With	20
Measure It With Math!	18
Moneywise	8
Pet Detectives	22
Science Starters (Computers)	14
Science Starters (Environment)	24
Timelines in Science.....	16



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