



WINDMILL
BOOKS



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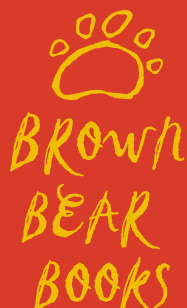
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WINDMILL
BOOKS

BOLOGNA 2025
FRONTLIST TITLES



Welcome to our Bologna 2025 Catalogue.

We are proud to create illustrated nonfiction books that are accurate, informative and fun to read. Our books cover all kinds of subjects, from how artificial intelligence works to how to change the course of history, and all ages – from 5 to 105 and beyond. We are excited to share our books with you!

New series for 2025 include *Science Starters Artificial Intelligence*. Aimed at young readers, the series delves into the topic of artificial intelligence, which has dominated headlines in recent years and looks set to change our lives for years to come. *Health Matters* explains why it's important to look after our physical, mental, and emotional health, with lots of tips and suggestions. *Animal Smarts* introduces amazing animals that use their intelligence to survive.

Our extensive and successful backlist offers readers of all ages information combining accurate and accessible text with exciting photographs and beautiful and clearly drawn illustrations. We are happy to send out a list of backlist titles on request.

We also offer a bespoke book creation services for publishers, taking projects from an initial concept to printed books and anything in between. To find out more, please get in touch.

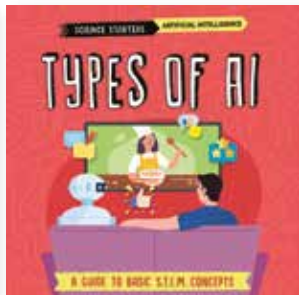
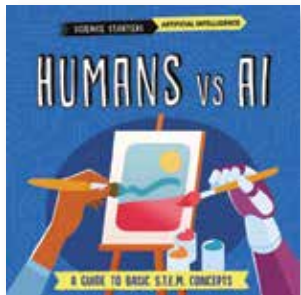
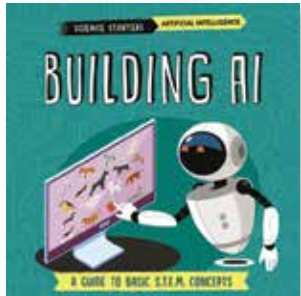
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SCIENCE STARTERS (ARTIFICIAL INTELLIGENCE)

Everyone has heard of artificial intelligence, but how many of us truly understand what it is? This appealing series helps young readers to learn what AI can do, how it is made, and how it is being used. The books also look at future uses as well as ethical issues and potential problems.



Key selling points:

- Clear text carefully explains STEM concepts.
- Labelled diagrams and flowcharts support the information.
- Each book ends with an activity to encourage practical thinking.

Volumes:

- What is AI?
- Building AI
- Types of AI
- Using AI
- Humans vs AI
- AI: Good or Bad?

Specifications:

Grades 2–4, Ages 7–9

203 x 203 mm (8 x 8 in)

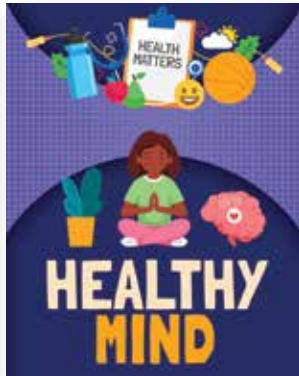
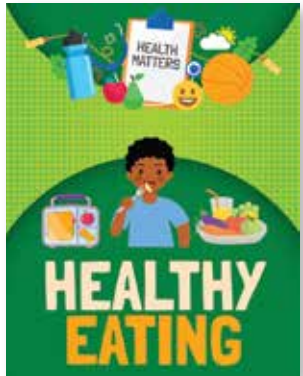
24 pp., 1200 words, 30–35 photos and diagrams

No. of volumes: 6



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 1–4, Ages 6–9

229 x 178 mm (7 x 9 in)

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

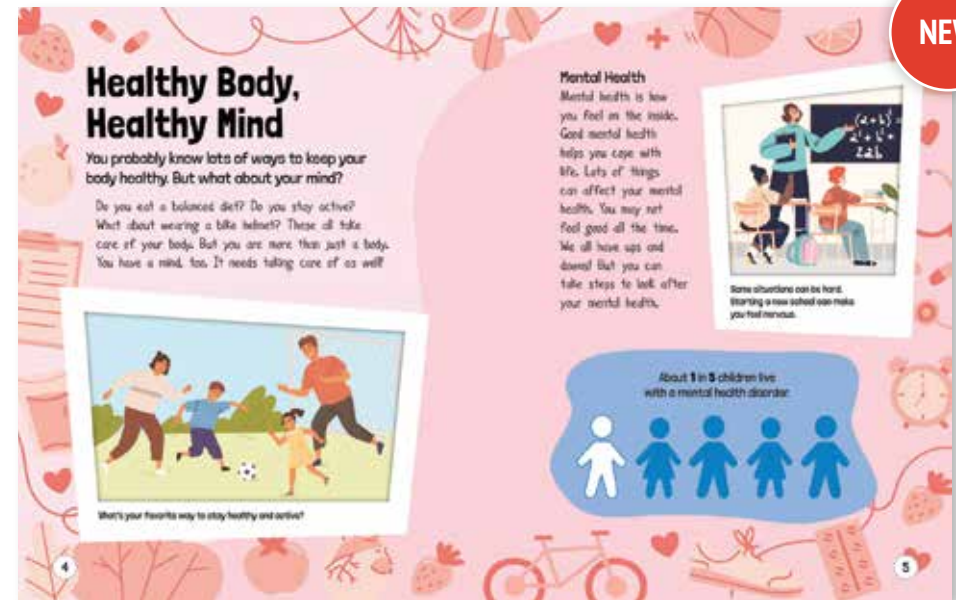
No. of volumes: 6

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



ANIMAL SMARTS (A DETECTIVES SERIES)

The animal kingdom is full of clever animals. Animals use their intelligence to survive. Some have super senses. Others build amazing structures. There are animals that make tools or have inventive ways to hide from predators. Uncover the facts about some of the smartest animals on the planet.



Key selling points:

- Large annotated photos present information in an easy-to-read format.
- Fact Files and Mini Facts provide additional information.
- Each book ends with quiz so that readers can test what they have learned.

Volumes:

- Builders
- Helping Out
- Hiding Away
- Keeping in Touch
- Super Senses
- Using Tools

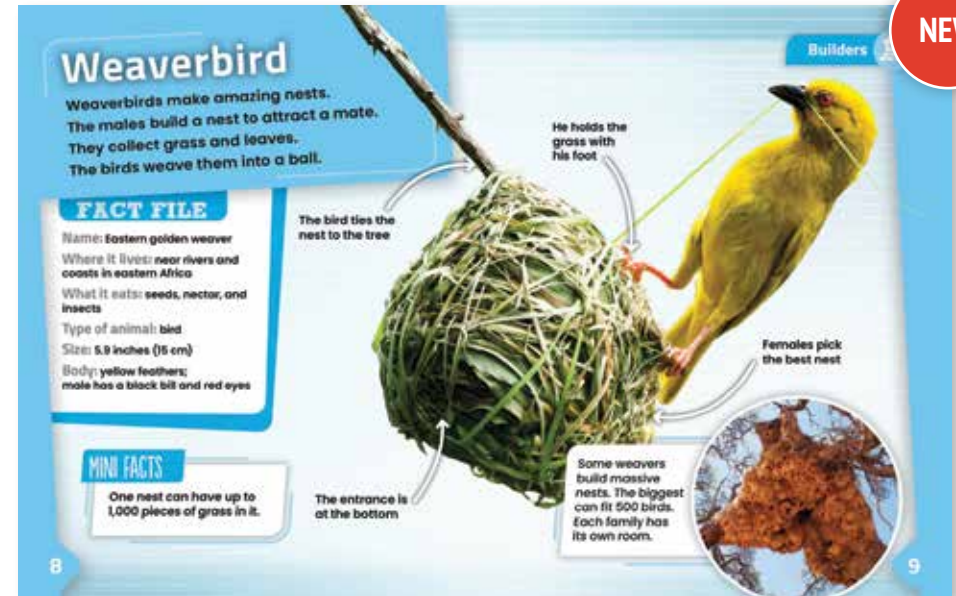
Specifications:

Grades 2-4, Ages 6-9

229 x 178 mm (7 x 9 in)

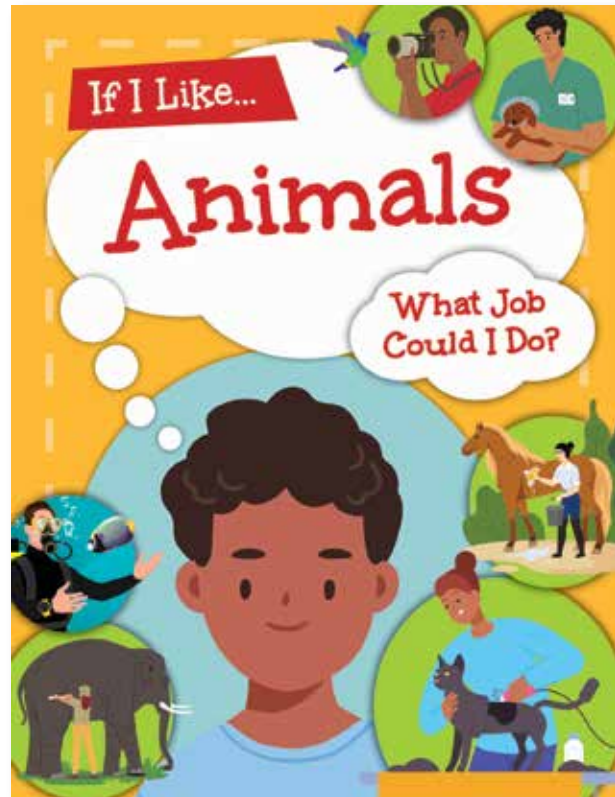
24 pp., 950 words, 20-25 photos and artworks

No. of volumes: 6



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.



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

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 out more.

Volumes:

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



ON THE FARM (A FAST TRACK SERIES)

This appealing series introduces young readers to the farms where our food is produced and to the farmers who work on them. The books will encourage children to think about where the food on their plate came from and how it got to them.



Specifications:

Grades K-3, Ages 5-8

203 x 203 mm (8 x 8 in)

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

No. of volumes: 6

Key selling points:

- Attractive design and engaging photos
- Clear and carefully levelled text.
- Suitable both for early readers and for older, less fluent readers.

Volumes:

- Farm Animals
- Farm Machines
- Food from Farms
- Plants on a Farm
- Farms Around the World
- A Year on the Farm



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 1–4, Ages 6–9

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.

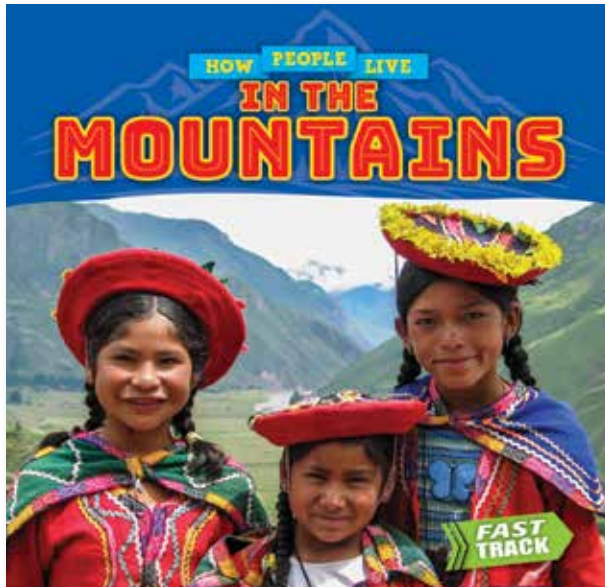
Volumes:

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



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.



Specifications:

Grades K-3, Ages 5-8

203 x 203 mm (8 x 8 in)

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

No. of volumes: 6

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



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 2–4, Ages 7–9

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



The image displays four book covers from the 'Timelines in Science' series, arranged in a 2x2 grid. Each cover features a distinct color scheme and thematic imagery related to its subject matter.

- Top-Left Cover:** Titled 'SCIENCE OF THE ANCIENT WORLD' on a yellow background. It includes a 'TIMELINES IN SCIENCE' banner at the top and images of ancient Egyptian pyramids and artifacts.
- Top-Right Cover:** Titled 'A REBIRTH OF SCIENCE' on an orange background. It includes a 'TIMELINES IN SCIENCE' banner at the top and images of a prism creating a spectrum and a globe.
- Bottom-Left Cover:** Titled 'THE ATOMIC AGE' on a green background. It includes a 'TIMELINES IN SCIENCE' banner at the top and images of a vintage car, a moon, and a laboratory setting.
- Bottom-Right Cover:** Titled 'THE DIGITAL AGE' on a blue background. It includes a 'TIMELINES IN SCIENCE' banner at the top and images of a DNA helix and a circuit board.

Specifications:

Grades 6–9, 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

- 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

SCIENCE OF THE ASTRONAUT

PENCILLIN AND ANTIBIOTICS

Penicillin and Antibiotics

In the early part of the 20th century, millions of people died each year from bacterial infections. But the discovery of a mold that could kill germs would change all that.

The Penicillium mold grows in mold, releasing risk substances.

From the late 19th century, thanks to the work of French chemist Louis Pasteur and others, scientists and medical practitioners recognized a new type of enemy—bacteria, or “germs.” Many bacteria had been identified, and the conditions they caused in humans were better understood.

Discovery of Penicillin

Wound infection was the specialized area of Scottish bacteriologist Alexander Fleming. Unlike other medical researchers of the time, Fleming believed that the way to tackle infection was to harness natural processes to destroy infection through biological means.

In 1928, after returning from vacation to his laboratory in London, Fleming noticed something unusual about a culture of *Staphylococcus aureus* bacteria that he had left developing in a petri dish. In his absence, a mold had grown in the dish, and it appeared to be killing the *Staphylococcus*. Fleming identified the strange mold as a species

Timeline

- 1877 Father discovers active ingredient penicillin
- 1928 Fleming discovers penicillin in fungi only
- 1929 Fleming identifies penicillin
- 1940 Disk and human testing results with penicillin
- 1945 Penicillin is mass production

Fleming served in the Medical Corps during World War I.

TIMELINE 1830–1931

KEY

- Yellow background indicates scientific breakthrough
- Orange background indicates engineering and technology
- Blue background indicates astronomy and space exploration

1830 English engineer J.P. Watt invents the first turbine (jet) engine

1835 U.S. businessman Oliver Evans develops the first grain-thresher-fan

1878

1878 U.S. astronomer Clyde Tombaugh discovers the planet Pluto (now classified as a dwarf planet)

1878 U.S. engineer James Watt builds an engine companion

1838

1838 Austrian-born Swiss physician Rudolph Virchow predicts the existence of the neuron

1850 U.S. scientist Wallace Carothers discovers neoprene, leading to the production of nylon

1907 U.S. pathologist Ernest Starling develops a way of growing crystals in chicken eggs

1931

1931 U.S. inventor Ulric Pfund explains the nature of lanthanum

1931 U.S. radio engineer Karl Jansky accidentally discovers radio waves from space, leading to the science of radio astronomy

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SCIENCE OF THE ATOMIC AGE

THE FIRST TELEVISION

First TV Camera

The image was developed by British inventor John Logie Baird. Zerkoin in 1921 (inventor RCA) an electron beam from an electron gun, scan across an image focused onto a photoconductive plate. Deflection plates make the electron beam scan in lines from side to side. Light striking the plate gives a positive charge. Electrons are pulled off the charge lines to control electrons and form the video signal.

In September 1929, the British Broadcasting Corporation (BBC) began experimental television broadcasts using Baird's mechanical system. The flickering images consisted of only 30 lines. But, later increased to 40 and eventually 240 lines. In 1932, Baird introduced pictures by electronic means. The experimental broadcasts ended in 1935. By the time commercial television broadcasting started in Britain in 1936, the BBC had adopted the 405-line electronic system developed by the British company Marconi-EMI.

World War II halted television broadcasting. Before the end of the war, Baird had produced color television and three-dimensional images as well as a wide-screen system (by projection) and stereoscopic sound. He could not complete this work as he died before

Zerkoin's image was the first successful television camera tube.

television broadcasting had resumed. When it finally started again, it used an all-electronic system.

Electronic Systems

British engineer Alan Campbell Swinton figured out the principles of an electronic system in 1908, although at that time the apparatus was not available to get his ideas into practice. In the United States, Russian-born Vladimir Zworykin went down the electronic route from the start with his kineoscope. U.S. inventor Philo Farnsworth developed a similar camera in 1927. American engineer RCA and Sony improved his system. In 1941, CBS made experimental color broadcasts from Radio City Music Hall in New York, although regular transmissions in color did not begin until 1951.

The screen of the cathode ray tube is coated with chemicals called phosphors.

Cathode Ray Tube

The cathode ray tube, invented in 1890 by German physicist Ferdinand Braun, is the heart of a television receiver. Like the kineoscope, it has an electron gun and deflection plates and a coil to focus the electron beam onto the screen at the front. A phosphor, which glows off light when struck by electrons, coats the inside of the screen on which the scanned image falls as the fly by.

TIMELINE

1829-1929

KEY

Invention and Patent

Experiment and Test

Development and Refinement

Commercialization and Success

1829 U.S. inventor Amos Eaton is the first person to try across the Atlantic.

1829 German inventor Johann Baptist Eder isolates the lamp oil as a source of energy.

1829 U.S. inventor Jacob Perkins patents the electric motor.

1829 German-born U.S. physicist Albert Einstein announces his unified field theory, which attempts to bring all the fundamental forces into a single theory.

1829 German engineer Nikolaus Otto invents the internal combustion engine.

1829 A German physicist announces a 21-day around-the-world flight.

1829 Japanese physicist Hironaka Matsuyama suggests that Earth's magnetic field has prehistoric reversals several times in its history.

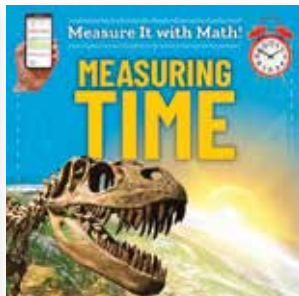
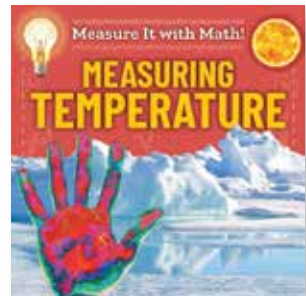
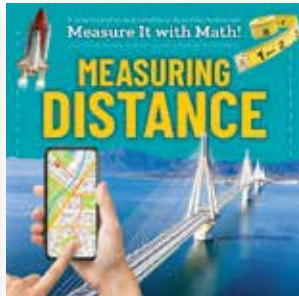
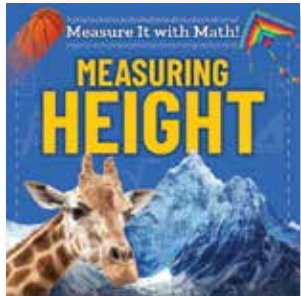
1829 U.S. astronomer Edwin Hubble determines a star 100 times the distance of a star in the space with which it moves away 100 km/s.

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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 7–10

203 x 203 mm (8 x 8 in)

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

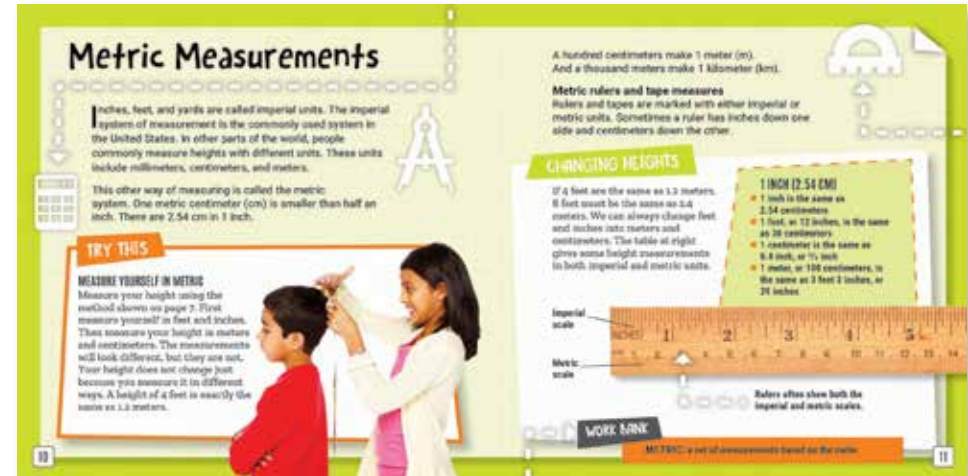
No. of volumes: 8

Key selling points:

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

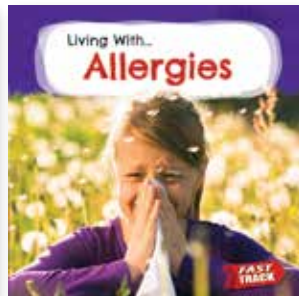
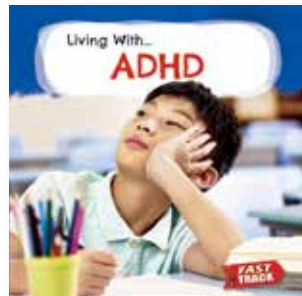
Volumes:

- 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

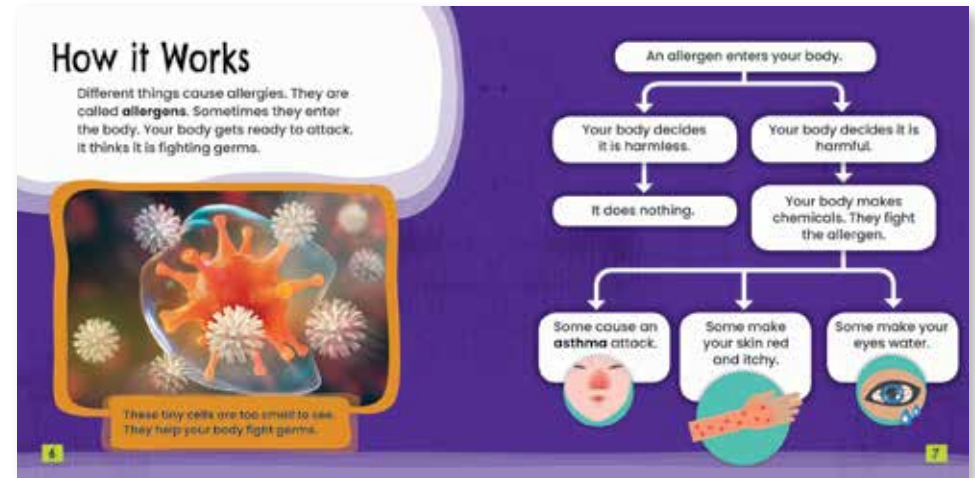
Specifications:

Grades K–3, Ages 5–8

203 x 203 mm (8 x 8 in)

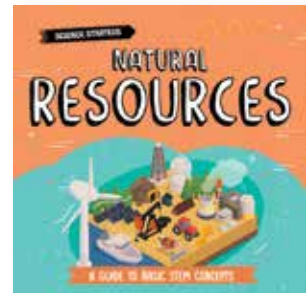
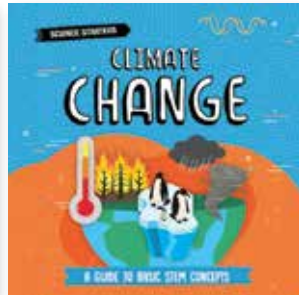
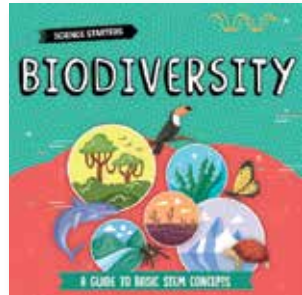
24 pp., 600–650 words, 20–25 photos and diagrams

No. of volumes: 6



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 2–4, Ages 6–9

203 x 203 mm (8 x 8 in)

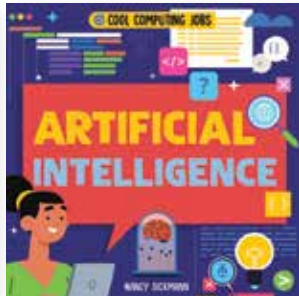
24 pp., 1200 words, 30–35 photos and diagrams

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

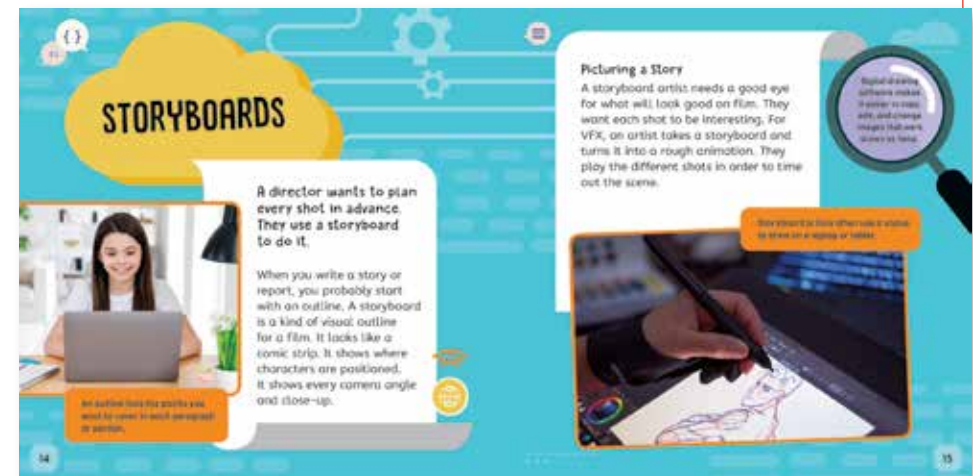
No. of volumes: 6

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.

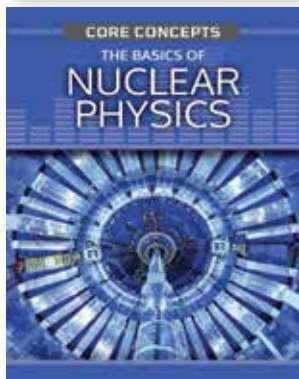
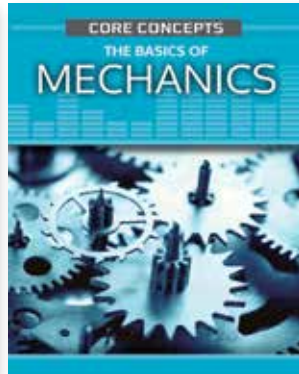
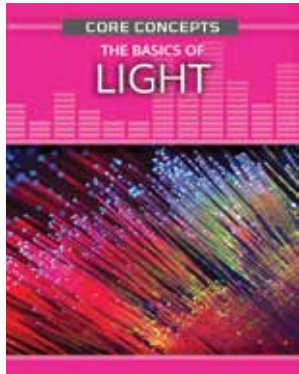
Volumes:

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



CORE CONCEPTS IN PHYSICS

Physics explains how the universe behaves, from tiny atoms to massive galaxies. This series provides a comprehensive look at key areas of physics, from heat and energy to nuclear physics. Accessible text, detailed sidebars, and informative diagrams bring this fascinating area of science to life. Readers will learn key concepts and important applications along the way.



Volumes:

- Heat
- Light
- Magnetism
- Mechanics
- Nuclear Physics
- Sound

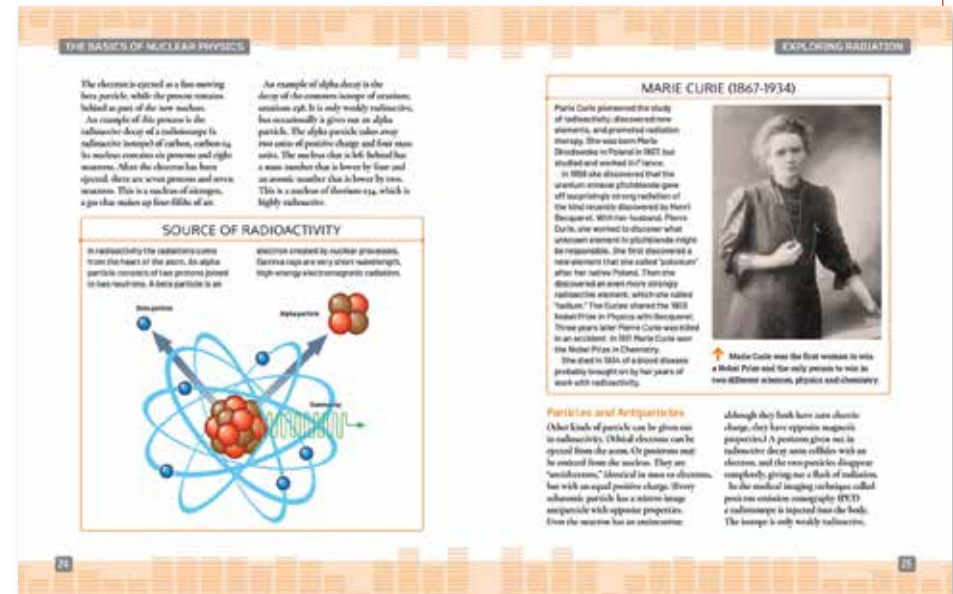
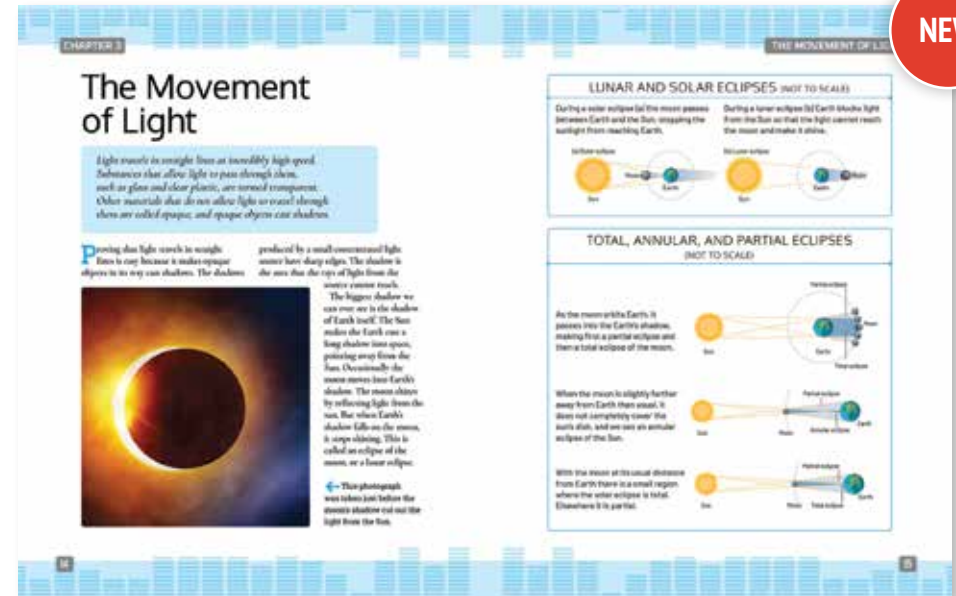
Specifications:

Grades 7–12, Ages 12–17

187 x 235 mm (7.375 x 9.25 in)

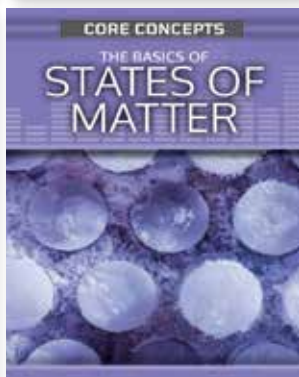
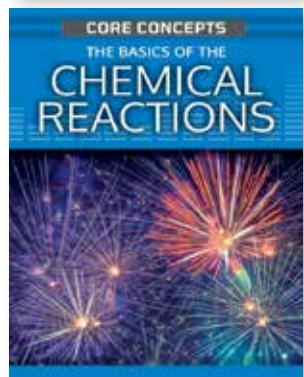
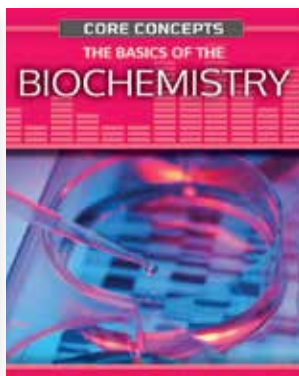
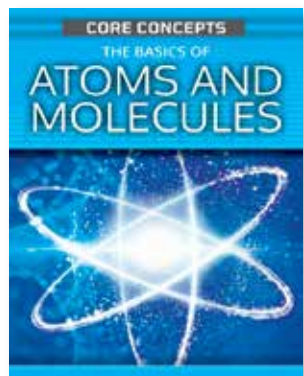
96 pp., 18,000 words, 75 photos and artworks

No. of volumes: 6



CORE CONCEPTS IN CHEMISTRY

Chemistry studies the properties of substances, how they behave, and how they change. 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. These books offer an up-to-date and easily digested guide to this important subject.



Volumes:

- Atoms and Molecules
- Biochemistry
- Chemical Reactions
- Chemistry
- Metals and Metalloids
- Nonmetals
- Organic Chemistry
- Periodic Table
- States of Matter

Specifications:

Grades 7–12, Ages 12–17

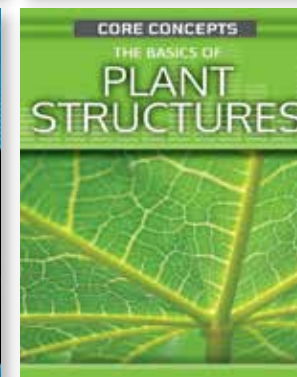
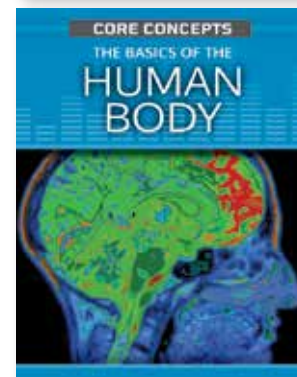
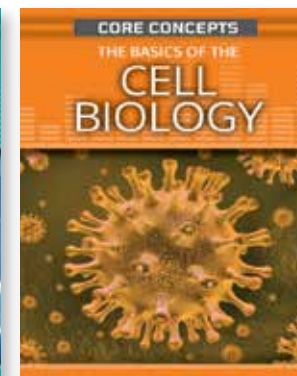
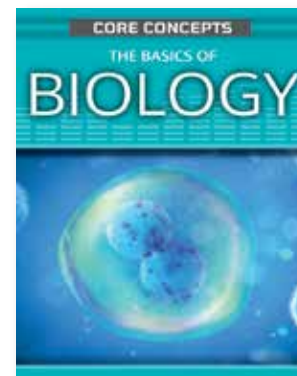
187 x 235 mm (7.375 x 9.25 in)

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