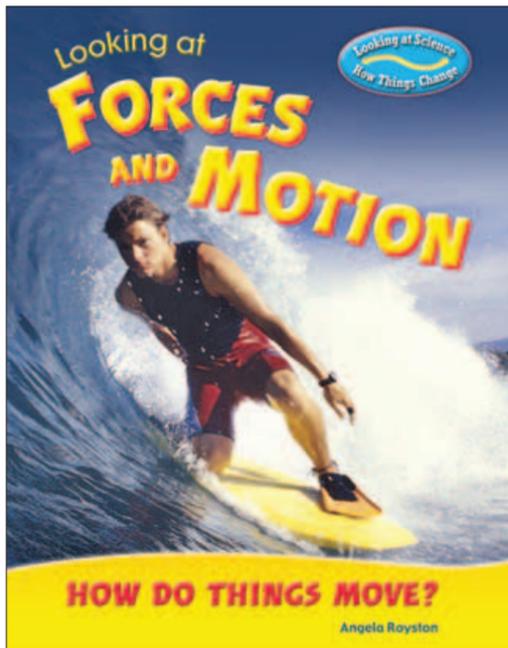


## LOOKING AT SCIENCE

Children are full of questions about the things they see around them: What makes the seasons? Why do things fall down? How do caterpillars change into butterflies? In this series, young readers learn about changes and patterns in the world around them.

Self-contained spreads pose and answer special questions in a way that young readers can understand quickly and easily.



- Clear and accessible text.
- Highly illustrated with photographs and diagrams.
- An activity spread at the end of each title helps readers remember what they have learned.
- Each book has a glossary, list of further resources and an index.

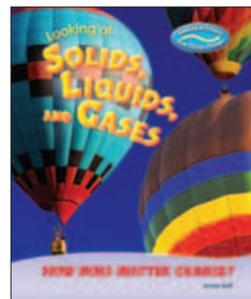
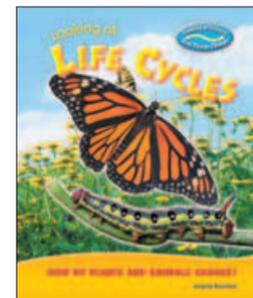
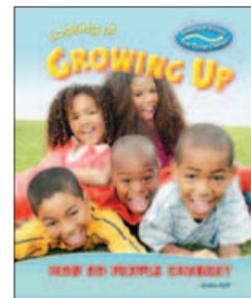
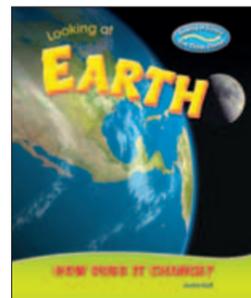
**Grades K-2, Ages 5-7**

230 x 190 mm (9 x 7½ in)

32 pp., 1000 words

30 photographs and artworks

No. of volumes: 6



**Volumes:**

Earth

Forces and Motion

Growing Up

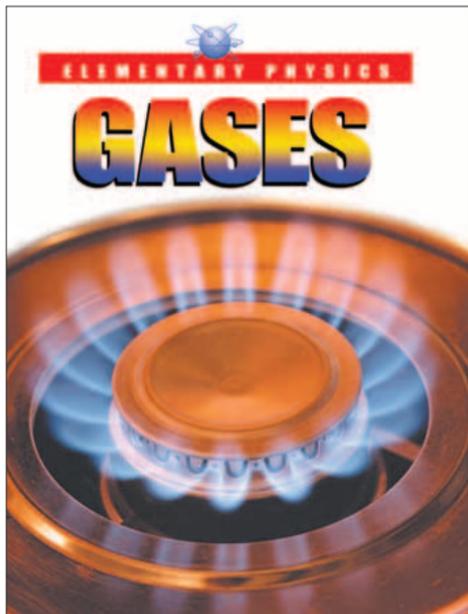
Life Cycles

Solids, Liquids, and Gases

Weather and Seasons

## ELEMENTARY PHYSICS

Why do pizzas smell good when they are hot? How do magnets work? And why do astronauts float in space? *Elementary Physics* answers in a clear way hundreds of questions that often puzzle younger children. In doing so, these colourful books explain the most important principles and processes of physics. Each book is illustrated with bright photographs and clearly annotated diagrams.



- A straightforward introduction to key physical science subjects.
- Clearly written texts make the science easy to understand.
- Simple glossary explains scientific terms.

### Volumes:

Gases • Gravity • Liquids • Magnetism • Motion • Solids

### Grades K–3, Ages 5–8

254 x 203 mm (10 x 8 in)

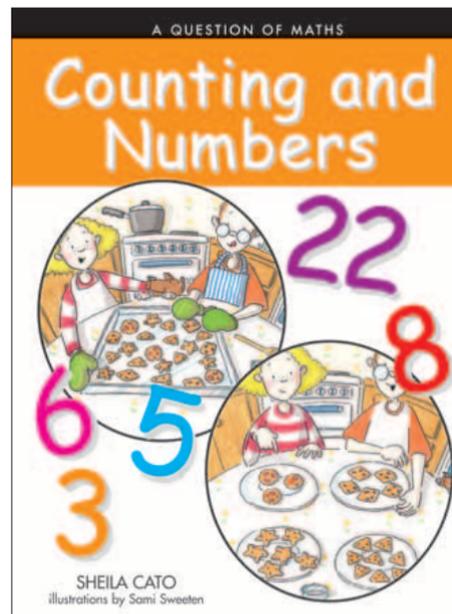
24 pp., 1500 words

15 photographs and diagrams

No. of volumes: 6

## A QUESTION OF MATHS

With this exciting series, maths need never prove puzzling again. Clever watercolour illustrations and appealing characters encourage young readers to enjoy learning maths by showing them how it works in everyday situations.



- Clear language makes maths concepts easy to understand.
- Practical exercises encourage readers to try out new skills.

### Volumes:

Addition • Counting and Numbers • Division • Measuring • Multiplication • Subtraction

### Grades K–3, Ages 5–8

298 x 230 mm (11¾ x 9 in)

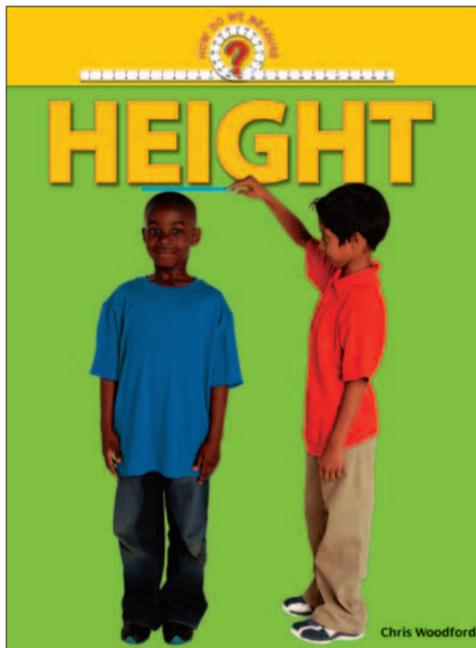
32 pp., 1600 words

16 double-page artworks

No. of volumes: 6

## HOW DO WE MEASURE?

What is a year? How hot is the Sun? How many centimetres are in a metre? And why do measurements matter? *How Do We Measure?* answers such questions for younger readers and explains the long and varied history of measuring, from ancient measurements based on the human body, to modern-day metric and imperial systems.



- Full-colour artworks and photographs.
- Lively concise explanatory pages
- Each book includes a practical step-by-step activity for children to try at home.

### Volumes:

Area • Distance • Height • Speed  
• Temperature • Time • Volume • Weight

### Grades 2–4, Ages 7–9

254 x 194 mm (10 x 7½ in)

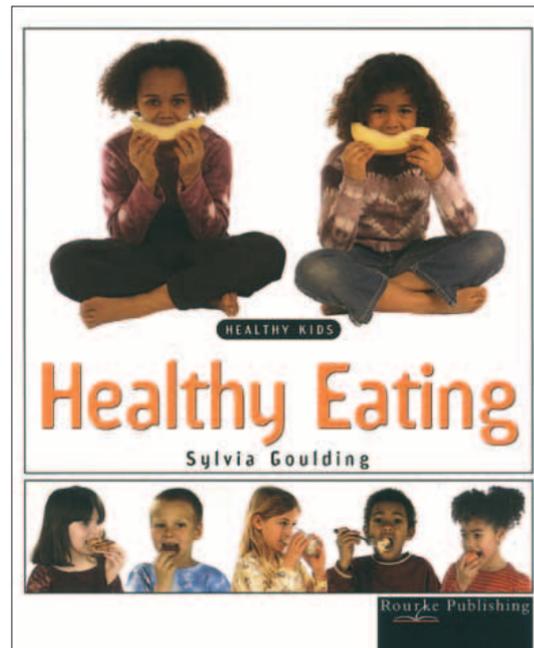
32 pp., 2900 words

35 photographs, artworks and diagrams

No. of volumes: 8

## HEALTHY KIDS

What foods are good for you and nice to eat? How do you get fit, and why bother? Why do we need to sleep? Do you know the best way to clean your teeth? *Healthy Kids* answers these questions and more. Young readers find out how to get healthy, how to stay healthy and why that is important.



- Shows how to eat a balanced diet with ideas for healthy meals.
- Explains how to build exercise into your life.

### Volumes:

Healthy Eating • Illness & Injury • Keeping Fit  
• Sleeping Well • Taking Care of Your Body • Taking Care of Your Teeth

### Grades 1–3, Ages 6–8

230 x 203 mm (9 x 8 in)

32 pp., 2500 words

40 photographs and illustrations

No. of volumes: 6

## CLOSE-UP

From the surface of your skin to the eye of a fly, the world around us has a host of fascinating details that are too small for the eye to see. *Close-Up* takes readers into this secret world. Remarkable colour photographs taken by powerful microscopes illustrate what often seem like images from a science-fiction movie. Take a look inside these

books to discover a fascinating microworld that is stranger than anything Hollywood could dream up!

- *Clearly written and accessible text is supported by full-page photos.*
- *Amazing close-up photography brings the subjects to life.*
- *Feature boxes highlight fascinating facts and asides.*

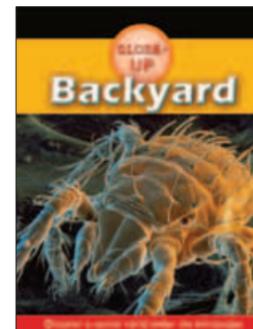
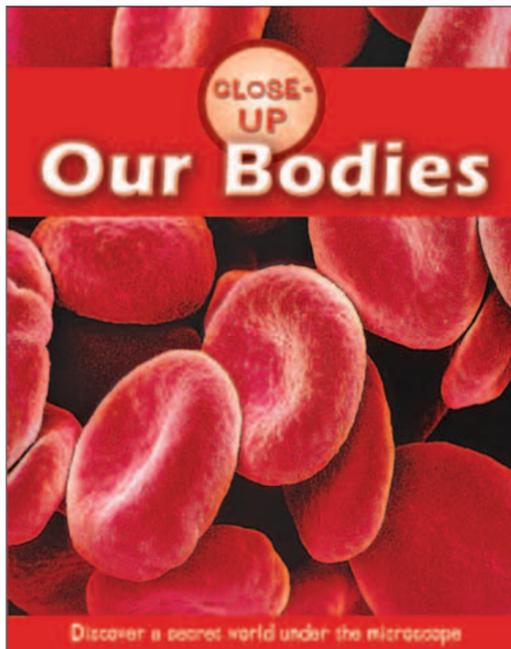
**Grades 3+, Ages 8+**

254 x 203 mm (10 x 8 in)

32 pp., 4000 words

13 photographs

No. of volumes: 6



**Volumes:**

Backyard

Food

Insects

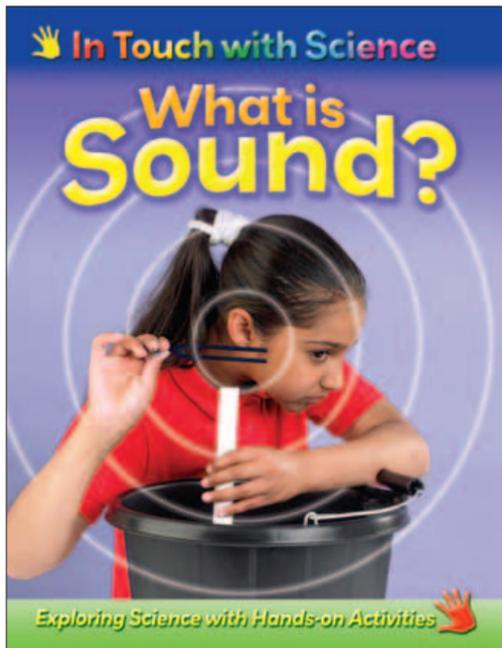
Ocean Life

Our Bodies

Our Homes

## IN TOUCH WITH BASIC SCIENCE

This exciting introduction to the world of science is built around interactive experiments, observations and projects. The series helps children find out about the physical world in a way that no amount of reading alone could match. Lively, concise introductory pages are followed by safe, practical activities for readers to carry out at school or at home.



- Explores key curriculum topics.
- Specially commissioned photography and instructions make the projects easy to perform.
- Science File pages explain the principles behind the activities.
- Each book has a glossary, further information and an index.

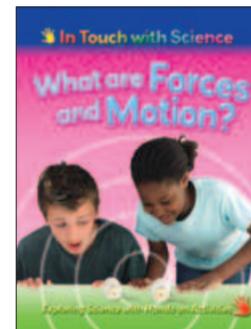
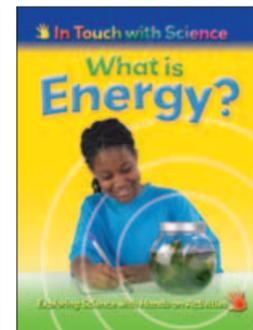
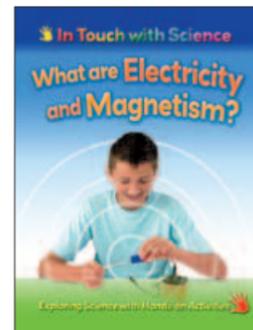
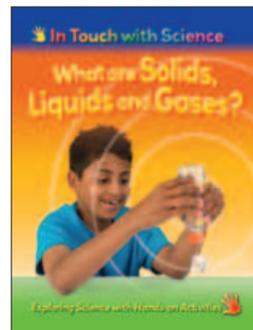
**Grades 3–4, Ages 8–9**

230 x 190 mm (9 x 7½ in)

32 pp., 3500 words

45 photographs and artworks

No. of volumes: 6



### Volumes:

What are Electricity and Magnetism?

What is Energy?

What are Forces and Motion?

What is Light?

What are Solids, Liquids and Gases?

What is Sound?

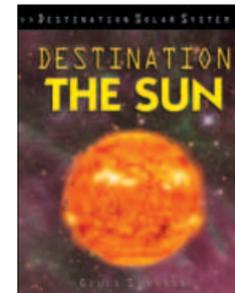
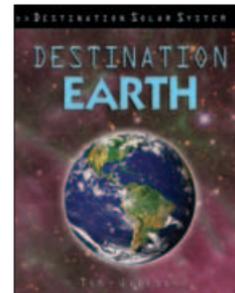
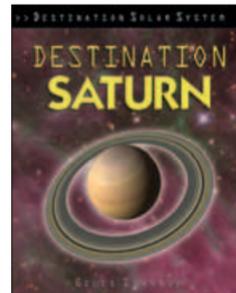
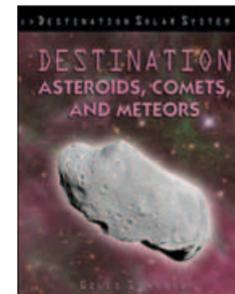
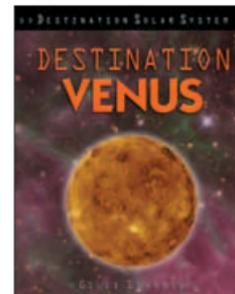
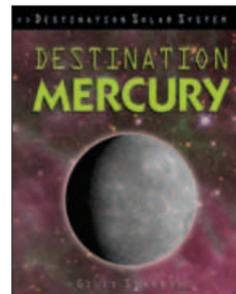
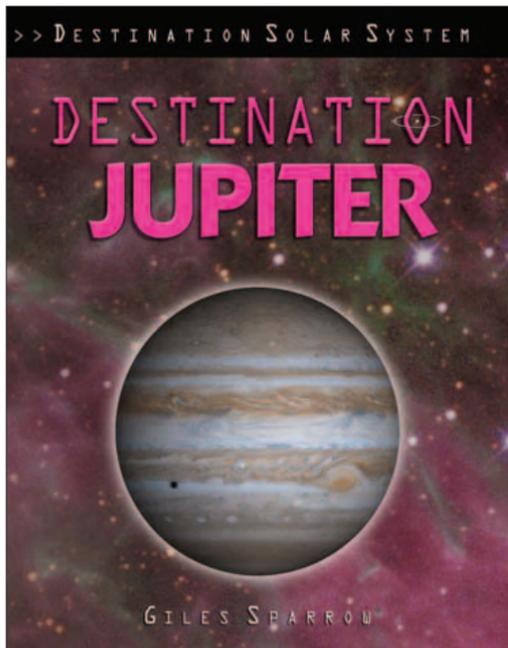
## DESTINATION SOLAR SYSTEM

Children are fascinated by space from an early age. *Destination Solar System* takes the young reader on a series of imaginary journeys around the solar system, visiting every one of the planets, some of the moons, and the Sun along the way. The books contain information about the position of each celestial object, its distance from Earth,

its composition and origin, as well as asking the intriguing question, “Could people live there?”

- *Lively design brings the subject to life in a colourful way.*
- *Explores key areas of the science curriculum.*
- *Packed with facts and statistics.*
- *Each book has a glossary, an index and a further information section.*

**Grades 4–7, Ages 9–12**  
**254 x 203 mm (10 x 8 in)**  
**32 pp., 4500 words**  
**45 photographs and artworks**  
**No. of volumes: 10**



### Volumes:

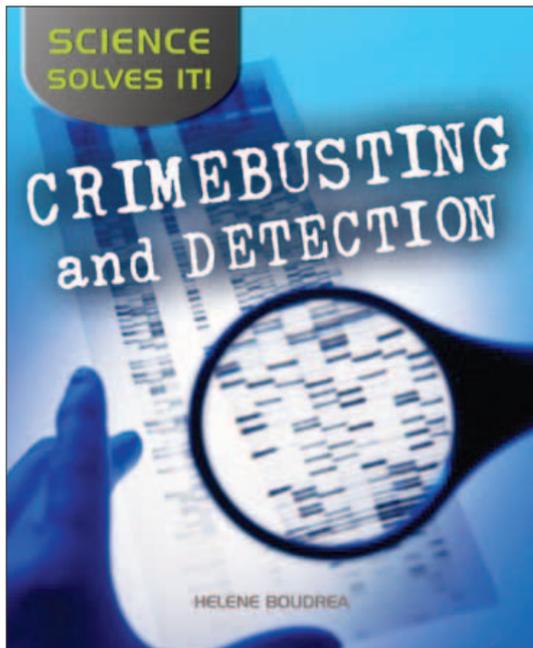
Destination Mercury  
 Destination Venus  
 Destination Mars  
 Destination Jupiter  
 Destination Saturn

Destination Earth  
 Destination the Moon  
 Destination Uranus, Neptune, and Pluto  
 Destination the Sun  
 Destination Asteroids, Comets, and Meteors

## SCIENCE SOLVES IT!

This is an exciting new series that encourages reluctant readers to develop literacy skills and fosters interest in science by looking at popular and exciting applications of the subject, such as saving wild animals, forensic science and sports technology.

Readers will learn about the damaging effects of deforestation through the eyes of a conservationist in the Amazon, or see how fingerprints can reveal the identities of criminals.



- *Exciting topics grab the reader's attention.*
- *Shows how key scientific ideas are used in real-life situations.*
- *Encourages reluctant readers to read about science.*

**Grades 5–7, Ages 10–12**  
(interest level)

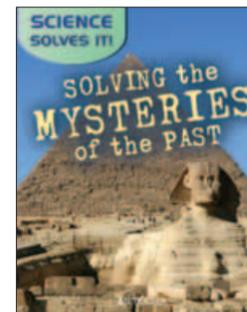
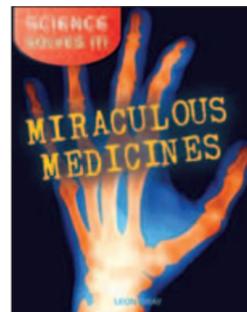
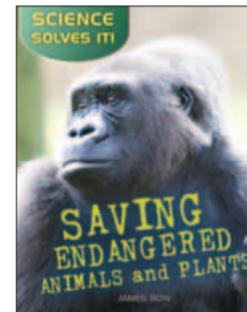
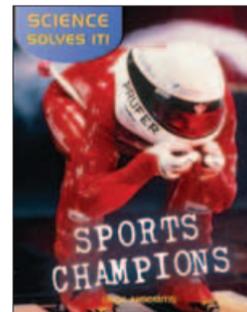
**Grades 3–5, Ages 8–10**  
(reading level)

203 x 254 mm (8 x 10 in)

32 pp., 3500 words

35 photographs and artworks

No. of volumes: 6



### Volumes:

Crimebusting and Detection

Miraculous Medicines

Solving the Mysteries of the Past

Rescue Missions

Sports Champions

Saving Endangered Animals and Plants

## SPORTS SCIENCE

This exciting new series is an informative and fun way to learn about science. Aimed particularly at reluctant readers, it relates key scientific principles and processes to what really happens when people play a range of exciting and popular sports.



- Explains how science can be applied to a range of exciting sports.
- Lively design brings the subject to life in a colourful way.
- Carefully written to appeal to reluctant readers.
- Packed with facts and statistics.

**Grades 5–7, Ages 10–12**  
(interest level)

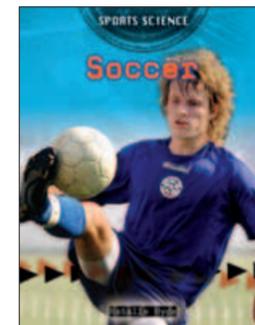
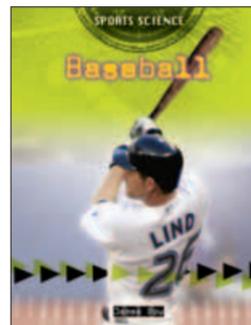
**Grades 3–5, Ages 8–10**  
(reading level)

254 x 203 mm (10 x 8 in)

32 pp., 4500 words

30 photographs and artworks

No. of volumes: 6



**Volumes:**

Baseball  
Cycling  
Skateboarding

Soccer  
Swimming  
Tennis

## FORENSIC SCIENCE

*Forensic Science* is an exciting new series that encourages reluctant readers to develop reading skills and to learn about science by looking at the popular subject of forensics and real-life crimebusting. Readers will learn about the techniques of DNA fingerprinting to find out about the genetic code or learn about chromatography through its application in a crime lab. Follow real events from the crime scene to the courtroom and learn how blood, fingerprints and footprints can lead to convictions.

- High-interest topics appeal to readers.
- Presents key scientific principles in the context of real applications.
- Boxes tell exciting true stories.

### Volumes:

Looking for Clues • In the Crime Lab  
Cybercrime • Solving the Past  
Counterfeit and Forgery • Identification

**Grades 5–8, Ages 10–13 (interest level)**

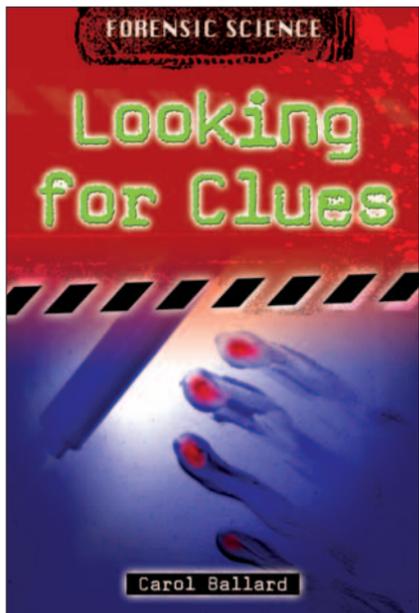
**Grades 3–5, Ages 8–10 (reading level)**

165 x 235 mm (6½ x 9¼ in)

48 pp., 8500 words

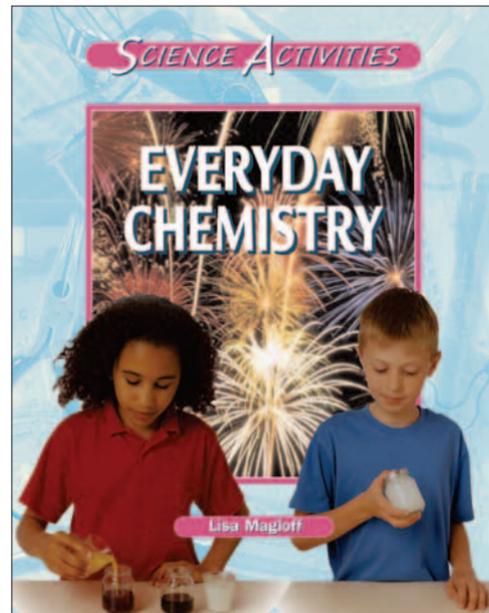
45 photographs and diagrams

No. of volumes: 6



## SCIENCE ACTIVITIES

For those who want to learn about the world in a practical way, *Science Activities* is perfect. Each volume leads readers from basic concepts through to detailed analyses of theories of physics, chemistry and biology. Readers can test theories and discover scientific principles for themselves by carrying out step-by-step activities. Analysis sections look at what happened and why.



*“...an exemplary set of books...” Science Books & Film*

### Volumes:

Everyday Chemistry • Using Materials • Electricity and Magnetism • Weather and Climate • Heat and Energy • Light and Color • Sound and Hearing • Force and Motion • Our Environment • Inside Matter

**Grades 4–9, Ages 9–14**

279 x 216 mm (11 x 8½ in)

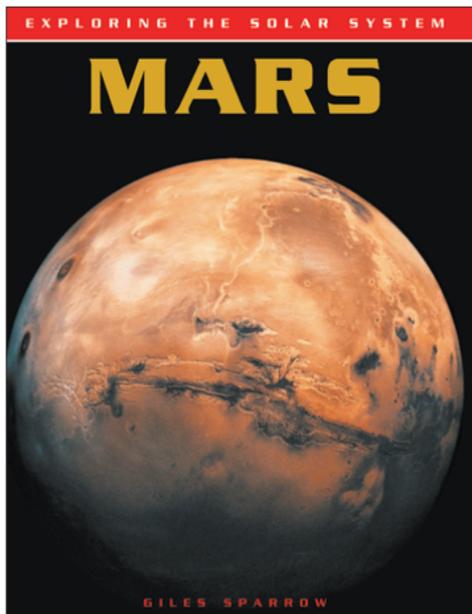
64 pp., 15,000 words

100 photographs and illustrations

No. of volumes: 10

## EXPLORING THE SOLAR SYSTEM

Lavishly illustrated with incredible images from the Hubble Space Telescope and NASA, these spectacular books take the young reader on a mind-boggling voyage through the solar system. Each book adopts the form of an imaginary space mission, written as if the reader were taking a journey through space.



- *Compelling eyewitness style.*
- *Packed with amazing facts and explanatory boxes, panels and sidebars.*
- *Includes scientific theories and discoveries, as well as a history of space exploration.*

### Volumes:

Asteroids, Meteors & Comets ● Jupiter  
● Mars ● Mercury ● The Moon ●  
Saturn ● The Sun ● Uranus, Pluto &  
Neptune ● Venus

**Grades 4–7, Ages 9–12**

254 x 203 mm (10 x 8 in)

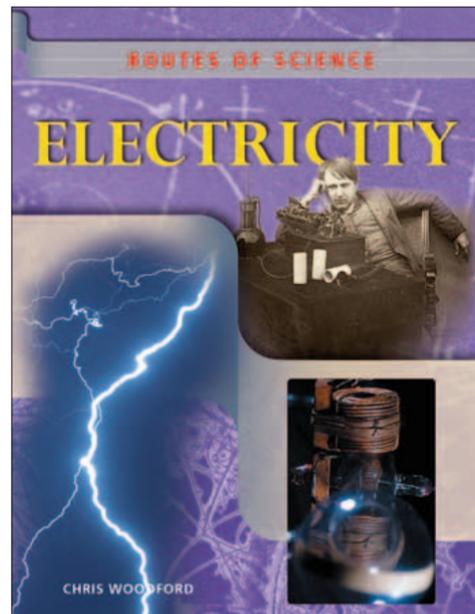
40 pp., 7000 words

80 photographs and illustrations

No. of volumes: 9

## ROUTES OF SCIENCE

This eight-volume set examines the process of scientific discovery, from ancient times to the present day. Each title covers an area of science and describes how knowledge about the discipline developed over time and in different cultures, often taking diverse routes.



- *Explores how scientists build on existing knowledge and sometimes overturn established ideas and theories.*
- *Key thinkers and experiments are described in detail.*

### Volumes:

Atoms and Molecules ●  
Electricity ● Evolution ● Genetics  
● Geology ● Gravity ● Light ●  
Medicine

**Grades 4–6, Ages 9–11**

254 x 203 mm (10 x 8 in)

40 pp., 6500 words

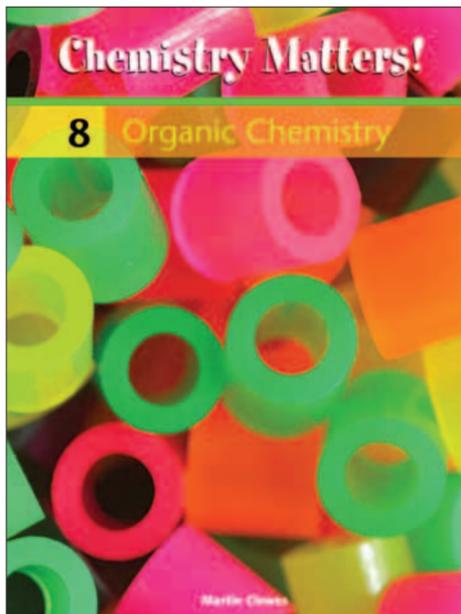
50 photographs and illustrations

No. of volumes: 8

## CHEMISTRY MATTERS!

An intelligent and stimulating introduction to all areas of modern chemistry, as reflected in current middle-school curricula. This highly visual set clearly explains principles and applications using dramatic photography and annotated artwork. Carefully chosen examples make the topic fun and relevant to everyday life.

**AEP Distinguished  
Achievement  
Award Winner 2008**



- Panels detail key people and theories.
- Includes safe, practical experiments for readers to try for themselves.

### Volumes:

Atoms and Molecules • Chemical Reactions • States of Matter • Energy and Reactions • The Periodic Table • Metals and Metalloids • Nonmetals • Organic Chemistry • Biochemistry • Chemistry in Action

**Grades 7–10, Ages 12–15**

279 x 216 mm (11 x 8½ in)

80 pp., 16,000 words

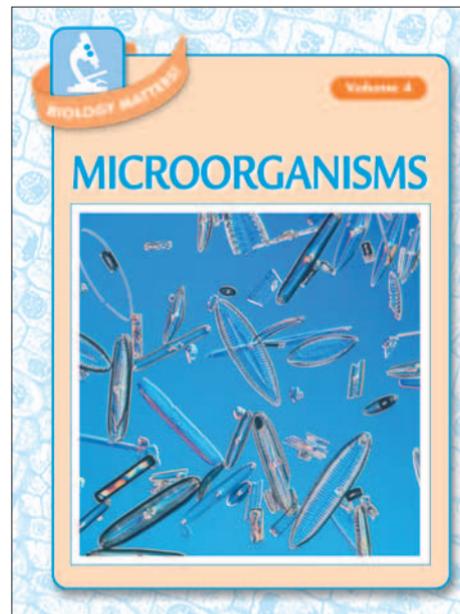
Over 80 photographs, artworks and diagrams

No. of volumes: 10

## BIOLOGY MATTERS!

What could be more fascinating than the story of life? It is all told in *Biology Matters!*, a multivolume set for middle-school students. Each volume introduces its topic, examines the history of people's understanding of the subject and fully displays all aspects of modern thinking about the topic.

**Booklist's  
Best Bets  
2007**



- Reviews key concepts in the life sciences.
- Safe experiments encourage readers to apply their learning.

### Volumes:

Introduction to Biology • Cell Biology • Genetics • Microorganisms • Plants • Animals • The Human Body • Reproduction • Evolution • Ecology

**Grades 6–8, Ages 11–13**

279 x 216 mm (11 x 8½ in)

80 pp., 16,000 words

90 photographs and illustrations

No. of volumes: 10

## PHYSICS MATTERS!

The principles of physics are a key area of science, governing everything from outer space to the tiny atoms that make up all matter. *Physics Matters!* tackles this broad but traditionally daunting discipline, presenting and explaining scientific principles in a lucid and engaging manner. Each volume takes a key area of physics and clearly explains it using examples from everyday life.

- Covers the key themes in physics.
- Photographs and artworks explain themes.
- Projects encourage learning.

***"This is an excellent set for every school and public library."*** Booklist

### Volumes:

Matter • Mechanics • Heat • Light •  
Sound • Electric Charges • Electric  
Current • Magnetism • Electronics •  
Nuclear Physics

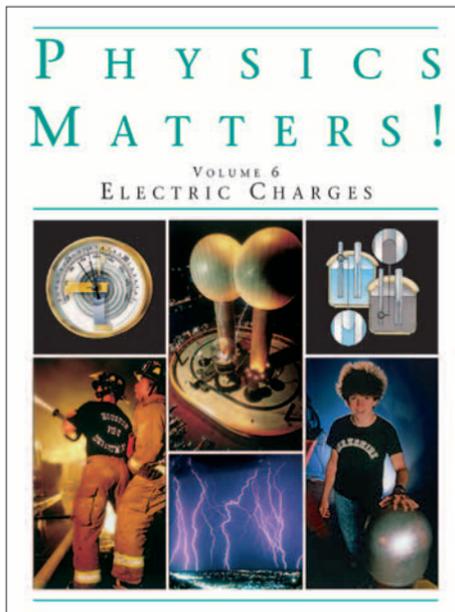
**Grades 6–10, Ages 11–15**

279 x 216 mm (11 x 8½ in)

64 pp., 12,000 words

50 photographs, artworks and diagrams

No. of volumes: 10



## MAKERS OF SCIENCE

*Makers of Science* is a fascinating introduction to the awe-inspiring stories of individual scientists and their amazing achievements. The history of science, from Ancient Greece to modern times, is related through the details of the lives and discoveries of some of the most significant men and women in the scientific field, arranged in five chronologically ordered volumes: Aristotle to Lavoisier;

Watt to Mendel; Mendeleev to Fleming; Bohr and Heisenberg to Eilion; and Feynman to Hawking.

- Special feature panels explain relevant scientific principles.
- Final volume includes a biographical dictionary, a glossary and a detailed set index.



**Grades 6–9, Ages 11–14**

279 x 216 mm (11 x 8½ in)

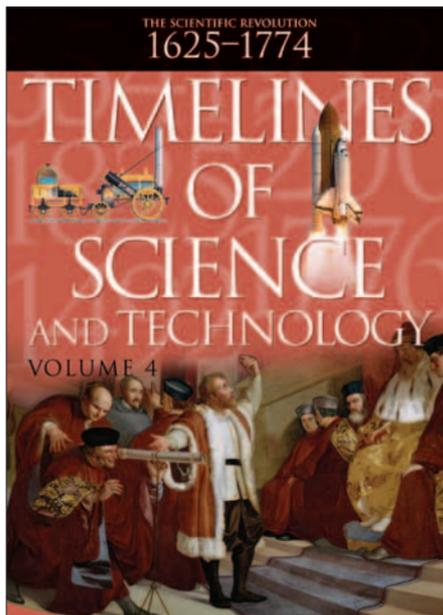
96 pp., 27,000 words

90 photographs and artworks

No. of volumes: 5

## TIMELINES OF SCIENCE AND TECHNOLOGY

This chronological set covers all aspects of the history of science and technology through timelines interspersed with feature spreads. Events, discoveries and inventions that have shaped the evolution of scientific knowledge are featured through a simple structure that gives comprehensive coverage of how and why events unfolded. Perfect as a starting point for the study and exploration of scientific history.



### Volumes:

Origins of Science: Prehistory–849 BCE ●  
 Classical and Early Medieval Science:  
 850 BCE–999 CE ● Late Medieval and  
 Renaissance Science: 1000–1624 ●  
 Scientific Revolution: 1625–1774 ●  
 Industrial Revolution: 1775–1839 ●  
 Age of Steam: 1840–1884 ● Age of  
 Electricity: 1885–1919 ● Atomic Age:  
 1920–1949 ● Space Age: 1950–1979  
 Modern World: 1980–Present

**Grades 6–10, Ages 11–15**

279 x 216 mm (11 x 8½ in)

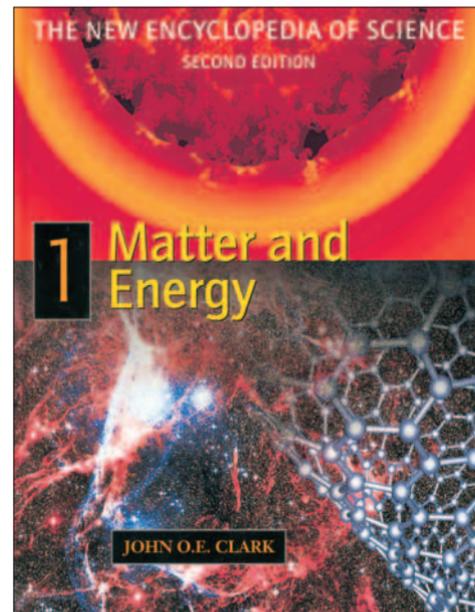
64 pp., 24,000 words

Over 70 artworks, photographs and maps

No. of volumes: 10

## THE NEW ENCYCLOPEDIA OF SCIENCE

This nine-volume series explains modern science for students and all the family. Each book outlines essential themes and includes an illustrated 350-entry mini-encyclopedia, with key terms defined and cross referenced to thematic spreads. Timelines trace the development of science through great scientists and their discoveries, while factfiles present key information in an easy-to-use form.



***“An excellent addition  
 to science collections.”***

*Booklist*

### Volumes:

Matter and Energy ● Animals  
 and Plants ● Chemistry in Action  
 ● Stars and Atoms ● Earth and  
 Other Planets ● Ecology and  
 Environment ● Computing ●  
 Evolution and Genetics ●  
 Reference and Set Index

**Grades 8–12, Ages 13–17**

290 x 230 mm (11¼ x 9¼ in)

176 pp., 69,000 words

225 illustrations

No. of volumes: 9

## FACTS AT YOUR FINGERTIPS: GREAT SCIENTISTS

Our knowledge of the natural world has been driven forward by a series of great thinkers and inventors. *Great Scientists* tells their stories – how they came to greatness, what they discovered or invented, and why their work lives on.

- Describes the motivations and achievements of the scientists.
- Puts the work of the scientists into a historical context by showing what else was happening at the time.

### Volumes:

Life Sciences

Physical Sciences

Chemistry, Earth and  
Space Sciences

Philosophy, Invention and  
Engineering

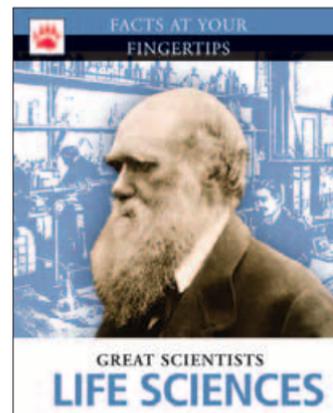
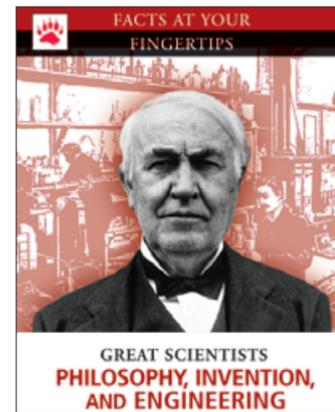
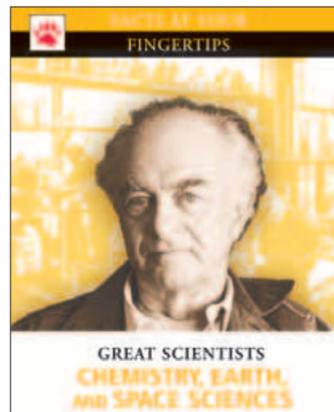
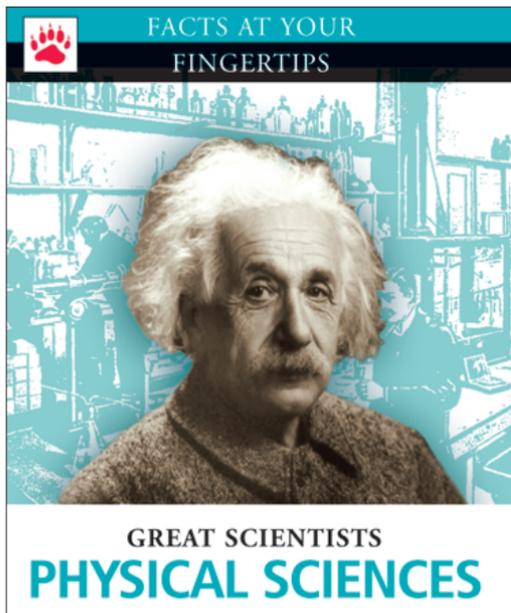
**Grades 7–12, Ages 12–18**

254 x 203 mm (10 x 8 in)

64 pp., 12,000 words

40 photographs and diagrams

No. of volumes: 4



## CURRICULUM CONNECTIONS: 21ST CENTURY SCIENCE

*21st Century Science*, part of the Curriculum Connections project, tailors the core areas of contemporary physics, chemistry and biology to the needs of the curriculum. The books provide an informative introduction to the great themes of science, and the relevant curriculum standards are highlighted throughout.

- Sidebars explain the relevance of the text to the science curriculum.
- All the key areas of physics, chemistry and biology are covered.

### Volumes:

Chemistry  
Energy and Matter  
Genetics  
Living Organisms  
The Earth  
The Universe

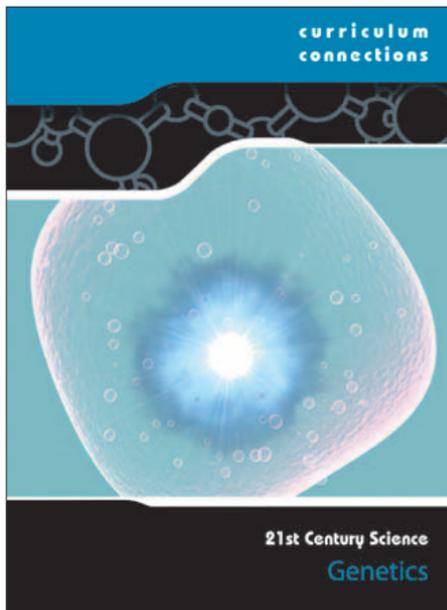
### Grades 9–12, Ages 15–18

238 x 165 mm (9½ x 6½ in)

112 pp., 25,000 words

30 illustrations

No. of volumes: 6



## CURRICULUM CONNECTIONS: TECHNOLOGY THROUGH THE AGES

The story of scientific discovery, from the earliest use of fire and the development of the wheel through to space travel, modern computing and the fibre-optic revolution, is an exciting saga of determination, genius and plain good fortune. *Technology Through the Ages* breaks the story down by historical epoch.

- Timelines put discoveries in their social and political context.
- Sidebars highlight relevance of the text to the science curriculum.

### Volumes:

Prehistory and Classical Period  
Medieval Period and Renaissance  
The Scientific Revolution  
The Ages of Steam and Electricity  
The Early 20th Century  
The Modern World

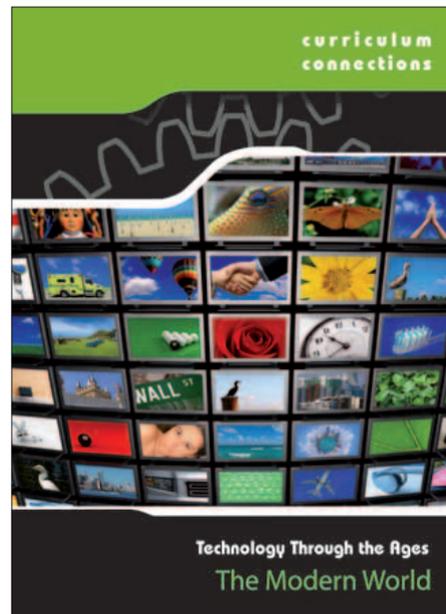
### Grades 9–12, Ages 15–18

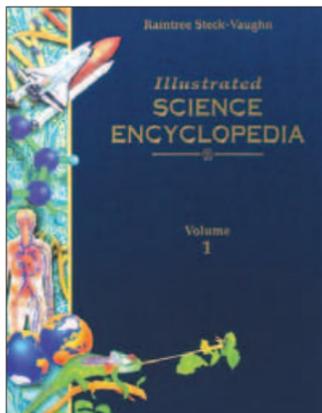
238 x 165 mm (9½ x 6½ in)

112 pp., 25,000 words

30 illustrations

No. of volumes: 6





## ILLUSTRATED SCIENCE ENCYCLOPEDIA

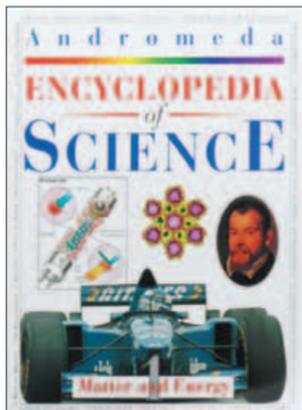
This major encyclopedia contains more than 3000 alphabetical cross-referenced entries that cover all branches of science and the personalities involved. Includes projects and a separate set index.

**Grades 7–11, Ages 12–16**

279 x 216 mm (11 x 8½ in), 96 pp., 45,000 words

100 photographs and diagrams

No. of volumes: 24



## ENCYCLOPEDIA OF SCIENCE

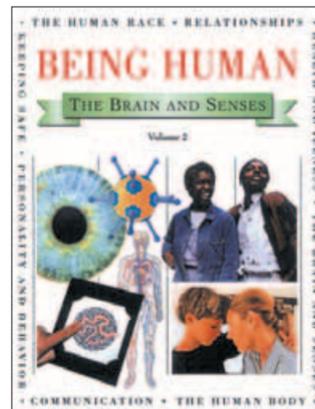
The *Encyclopedia of Science* provides for younger readers a basic introduction to the main branches of science and technology. Arranged thematically, more than half of the content of the set is presented through instructional diagrams and informative photographs.

**Grades 3–8, Ages 8–13**

279 x 216 mm (11 x 8½ in), 96 pp., 25,000 words

200 photographs and artworks

No. of volumes: 12



## BEING HUMAN

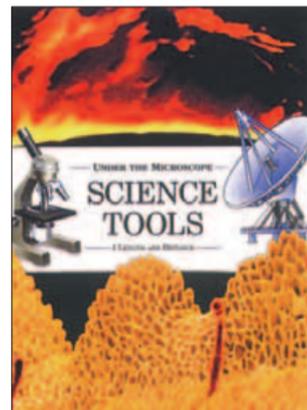
This highly illustrated introduction to human biology and behaviour provides the essential guidance that every young person needs on how our bodies work, on personality and relationships, and on behaviour and safety and communication.

**Grades 5–8, Ages 10–13**

254 x 203 mm (10 x 8 in), 48 pp., 11,000 words

70 photographs and illustrations

No. of volumes: 8



## SCIENCE TOOLS

This compact volume describes the instruments that scientists use to measure, observe, analyse and record natural and physical phenomena from the subatomic and microscopic worlds to the outer limits of the Universe.

**Grades 5–9, Ages 10–14**

279 x 216 mm (11 x 8½ in), 48 pp., 9000 words

35 photographs, diagrams and artworks

No. of volumes: 9