

# MACMILLAN

## *library*

Macmillan Library provides award-winning, high-quality library reference books written specifically for school students. The books address curriculum requirements, are topical and up to date and are a 'must have' reference resource for any school library.

Macmillan Library is exceptional as the books are:

- Themed multi-volume (6 books per set)
- Include special features
- High quality photography
- Multi-cultural
- Address current affair topics

A school library is incomplete without the Macmillan Library range!



# Contents

Recycling .....	1
Recycle, Reduce, Reuse, Rethink .....	2
Future Energy .....	3
Global Issues .....	4
Weather and Climate .....	5
Global Hot Spots .....	6
World Heritage .....	7
World Commodities .....	8
Ancient and Medieval People .....	9
Animal Attack and Defence .....	10
Animal Lives .....	11
Our Body .....	12
The A–Z of Scientific Discoveries .....	13
Scientists at Work .....	14
The Science Behind .....	15
The Technology Behind .....	16
Space Frontiers .....	17
How are they Made? .....	18
The A–Z of Health .....	19
Values .....	20

# Recycling

The Recycling series will empower young students, teaching them how to save natural resources and keep the environment healthy.

The books explain how used products are collected and made into new products. They show young students:

- How we use products such as paper, glass and plastic
- How products are recycled
- How we can reuse products and reduce use and waste

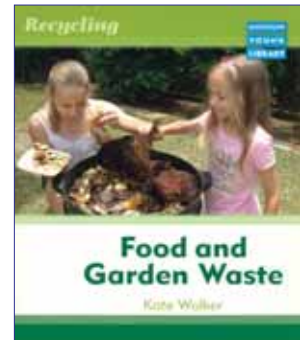
A simple flowchart explains the recycling process for each product. 'Make and do' activities provide fun ways to reuse each product.

The titles in the Recycling series are:

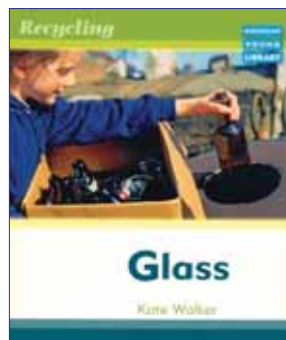
- Clothing
- Food and Garden Waste
- Glass
- Metal Cans
- Paper
- Plastic Bottles and Bags



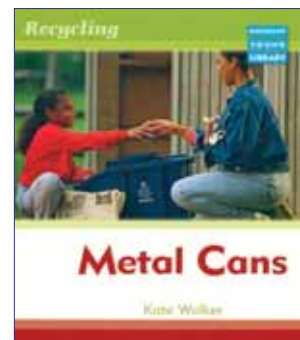
ISBN: 9781420271584  
CLOTHING



ISBN: 9781420271591  
FOOD AND GARDEN  
WASTE



ISBN: 9781420271577  
GLASS



ISBN: 9781420271560  
METAL CANS



ISBN: 9781420271546  
PAPER



ISBN: 9781420271553  
PLASTIC BOTTLES AND  
BAGS

# Recycle, Reduce, Reuse, Rethink

In this very exciting, informative and practical series you will not only learn about the recycling process of most common materials, but will also find out:

- what governments are doing
- what industries are doing
- what communities are doing
- what individuals are doing

And most importantly,

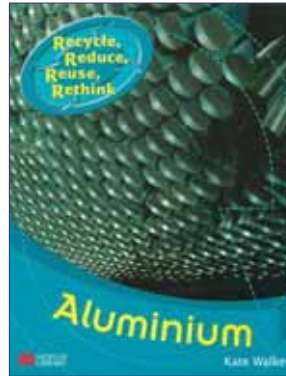
- what you can do to recycle, reduce, reuse and rethink products and resources.

Among the many features of the text are:

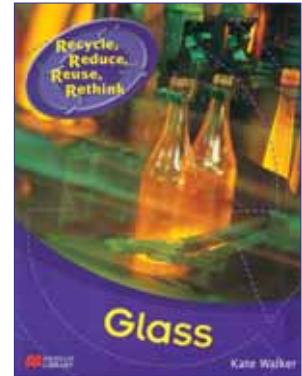
- a flow chart showing how material is recycled
- a special spread presenting arguments For and Against recycling
- mini case studies of people taking action around the world
- a scorecard for individuals or the class to make, to record and reward their activities, using green stars
- a sample of a poster students can make to encourage others to recycle
- a decomposition timeline showing how long it takes for different materials to break down.

**Special features include:**

- cartoon characters presenting incidental information
- Green 'star truth' boxes containing vital facts on positive aspects of recycling.



ISBN: 9781420268195  
ALUMINIUM



ISBN: 9781420268201  
GLASS



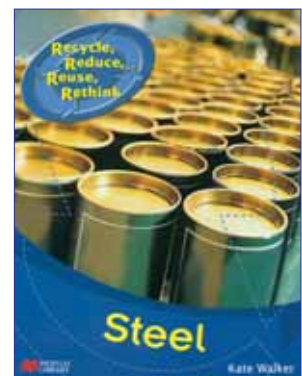
ISBN: 9781420268218  
HOUSEHOLD WASTE



ISBN: 9781420268225  
PAPER



ISBN: 9781420268232  
PLASTICS

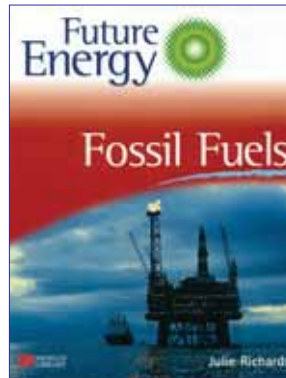


ISBN: 9781420268249  
STEEL

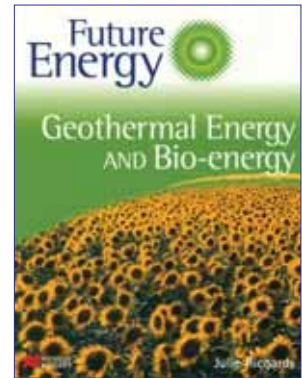
# Future Energy

Energy makes the world work. Most of the world's machines are powered by energy that comes from fossil fuels. Apart from being harmful to people and the environment, scientists are not sure how much longer fossil fuels will last.

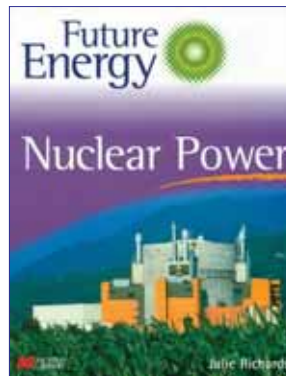
In Future Energy you will discover that there are alternatives to using fossil fuels. Water, sunlight, wind, Earth's core, biomass and atoms are all sources of energy. Each has advantages and disadvantages as a future energy source. Read about how each energy is collected, stored, converted into power and used.



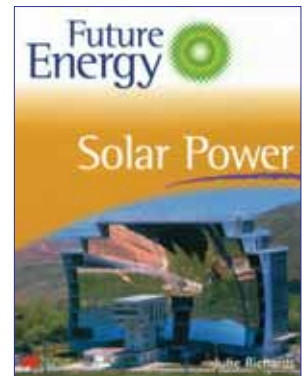
**ISBN: 9781420268430**  
FOSSIL FUELS



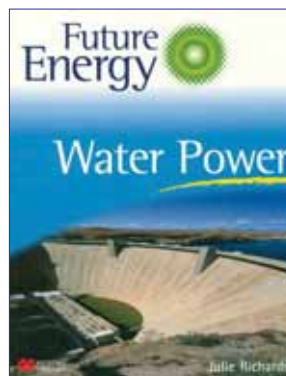
**ISBN: 9781420268478**  
GEOTHERMAL &  
BIO-ENERGY



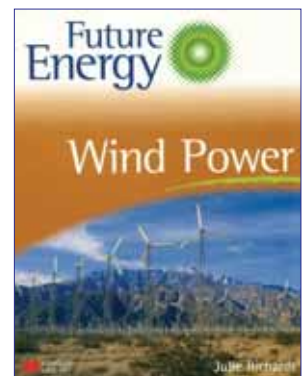
**ISBN: 9781420268485**  
NUCLEAR POWER



**ISBN: 9781420268447**  
SOLAR POWER



**ISBN: 9781420268454**  
WATER POWER



**ISBN: 9781420268461**  
WIND POWER

# Global Issues

Global Issues offers important insights into some of the major environmental issues of our time.

Each book explores five issues relating to the features topics;

- Global Warming
- Protecting Natural Environments
- Renewable Energy
- Sustainable Cities
- Toxic Waste
- Water Supply

Each title outlines the problem and offers solutions for sustainable future.

Issues covered include:

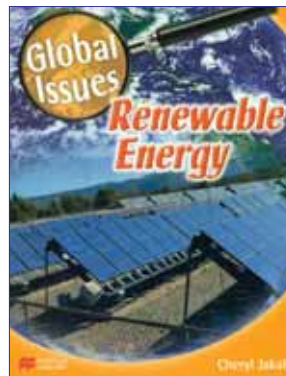
- extinction of some large mammals
- declining ice cover
- high energy demand
- over consumption
- environmental refugees
- toxic chemicals
- unplanned population growth
- decreasing water supplies



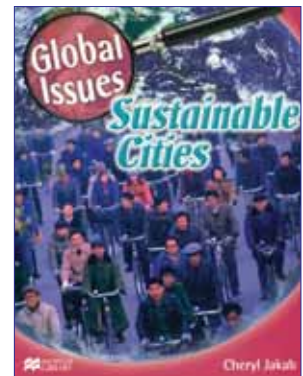
ISBN: 9781420275438  
GLOBAL WARMING



ISBN: 9781420275407  
PROTECTING NATURAL ENVIRONMENTS



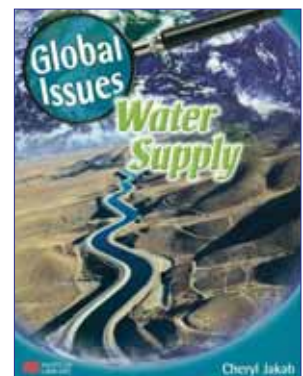
ISBN: 9781420275452  
RENEWABLE ENERGY



ISBN: 9781420275414  
SUSTAINABLE CITIES



ISBN: 9781420275445  
TOXIC WASTE



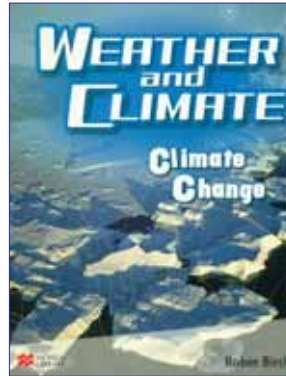
ISBN: 9781420275421  
WATER SUPPLY

# Weather and Climate

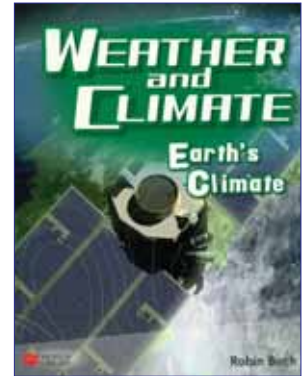
Our weather and climate are changing. This topical series focuses on the phenomenon of weather and how it affects people and the environment.

Students will learn how weather forecasting works, explore different weather and climate phenomena and examine how people live with weather and climate in their regions.

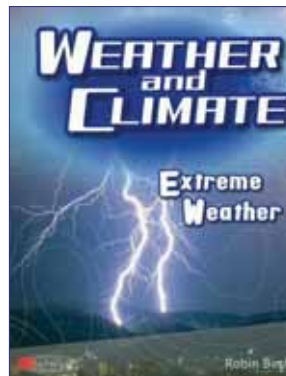
Diagrams and maps show the location of weather and climate zones on Earth and large photos and information captions explain the effects of weather and climate.



ISBN: 9781420275513  
CLIMATE CHANGE



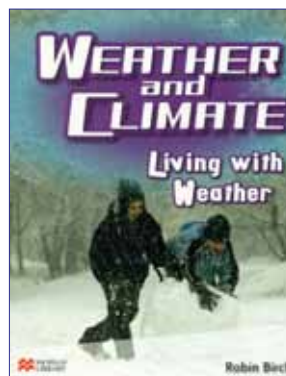
ISBN: 9781420275520  
EARTH'S CLIMATE



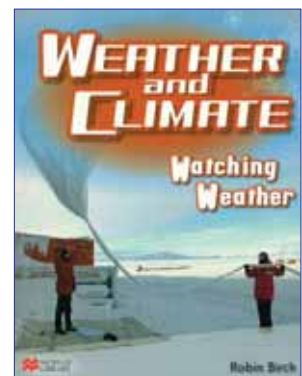
ISBN: 9781420275476  
EXTREME WEATHER



ISBN: 9781420275483  
HOW WEATHER WORKS



ISBN: 9781420275490  
LIVING WITH WEATHER



ISBN: 9781420275506  
WATCHING WEATHER

# Global Hot Spots

Global Hot Spots fills in the facts behind the headlines, building students' understanding of the historical context of the events they see on TV. The series provides accounts of real-life experiences and explores 'how history was made' in these conflict zones.

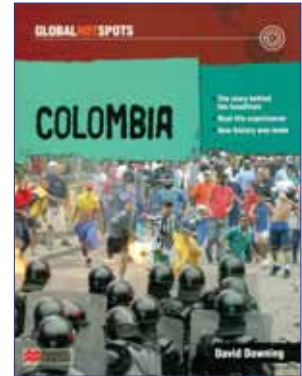
Graphically, the books are fairly sophisticated and use the same style as news reports, but short paragraphs make them accessible to all students.

**Special features include:**

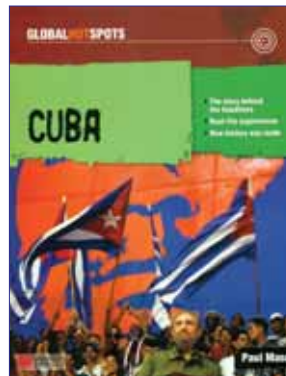
- quotes from participants and observers
- statistical information
- hot spot briefings with interesting background facts



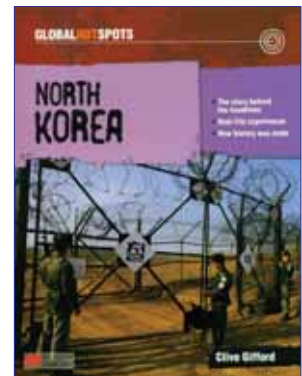
ISBN: 9781420278071  
BURMA



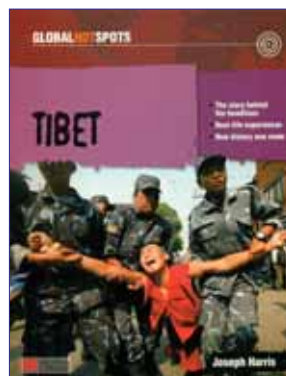
ISBN: 9781420278125  
COLOMBIA



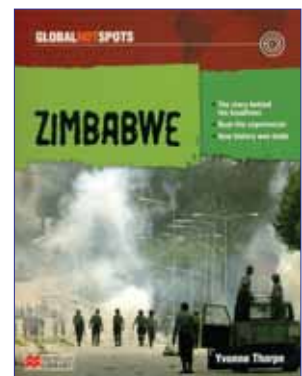
ISBN: 9781420278118  
CUBA



ISBN: 9781420278101  
NORTH KOREA



ISBN: 9781420278088  
TIBET



ISBN: 9781420278095  
ZIMBABWE

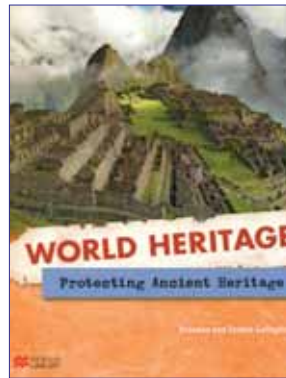
# World Heritage

Certain places around the world are important to all people – we call them the World’s Heritage.

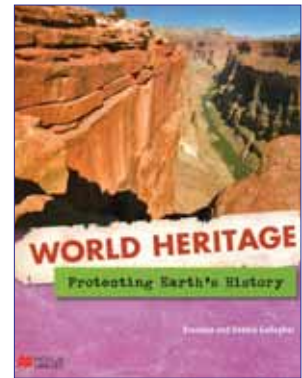
Seventy-eight of the 878 World Heritage sites are introduced in this fascinating new series. Each book focuses on one or more of the ten criteria used to select sites, including important ecosystems, human masterpieces, living traditions, events or ideas. Each site is profiled over two pages, focusing on the site’s heritage value and issues of protection.

**Special features include:**

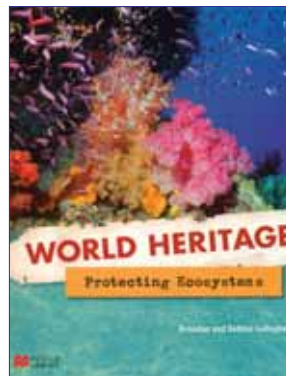
- fact files
- locator maps
- timelines
- amazing facts
- labelled photographs
- glossaries to explain key terms



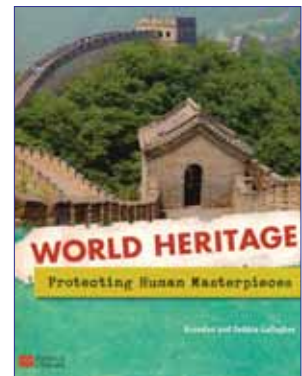
**ISBN: 9781420279238**  
**PROTECTING ANCIENT HERITAGE**



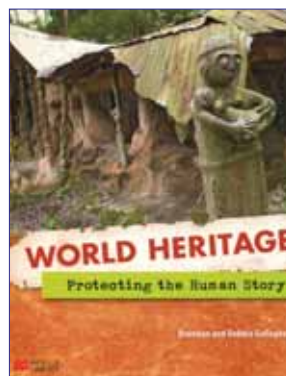
**ISBN: 9781420279269**  
**PROTECTING EARTH'S HISTORY**



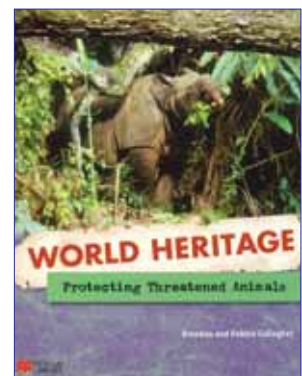
**ISBN: 9781420279245**  
**PROTECTING ECOSYSTEMS**



**ISBN: 9781420279221**  
**PROTECTING HUMAN MASTERPIECES**



**ISBN: 9781420279214**  
**PROTECTING THE HUMAN STORY**



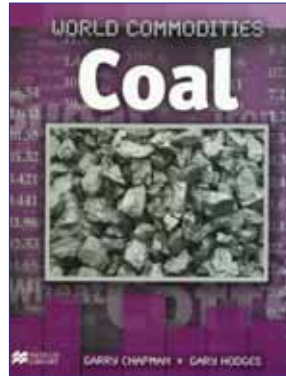
**ISBN: 9781420279252**  
**PROTECTING THREATENED ANIMALS**

# World Commodities

The series explains basic economics concepts and principles such as markets and price indexes, depicts trends in world prices of commodities, explores reasons for changes in world prices, and looks at current and future issues.

Each book references websites for further research, and includes focus questions to assist teaches with inquiry-based learning units.

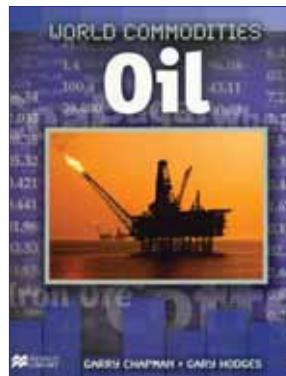
Students are encouraged to think critically about the issues presented.



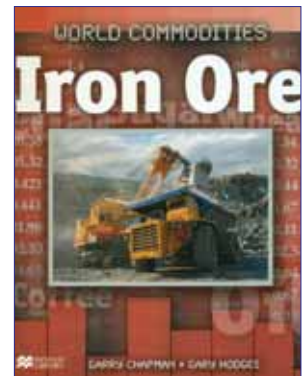
**ISBN: 9781420281224**  
COAL



**ISBN: 9781420281231**  
COFFEE



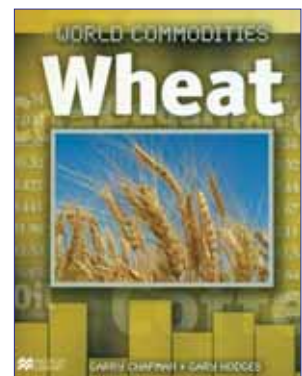
**ISBN: 9781420281255**  
OIL



**ISBN: 9781420281248**  
IRON ORE



**ISBN: 9781420281262**  
SUGAR



**ISBN: 9781420281279**  
WHEAT

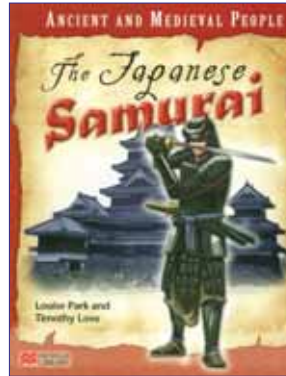
# Ancient and Medieval People

This powerful series profiles the lives and times, incredible battles and daring feats of the ancient and medieval warriors.

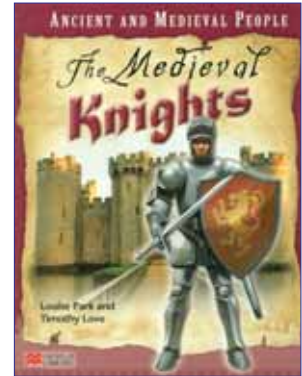
Students will meet some of the most fearsome warriors, raiders and heroes in history. Information and imagery about the warriors' societies, mythology and codes of honour will engage and fascinate all readers.

**Special features include:**

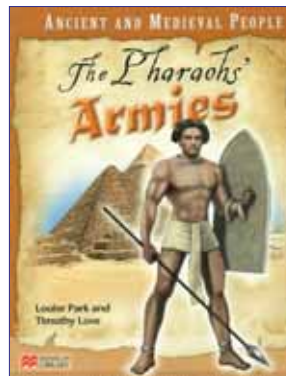
- warrior profiles
- timelines of key historical events
- explanations of foreign or ancient words



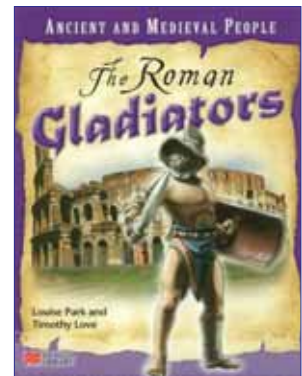
ISBN: 9781420276947  
THE JAPANESE SAMURAI



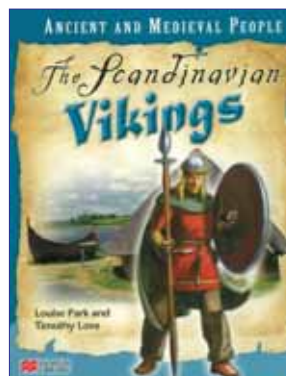
ISBN: 9781420276923  
THE MEDIEVAL KNIGHTS



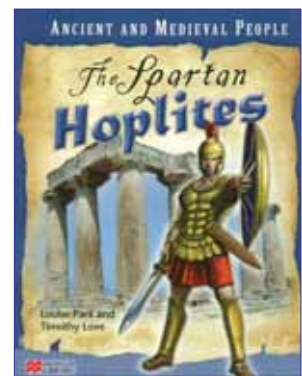
ISBN: 9781420276961  
THE PHARAOHS' ARMIES



ISBN: 9781420276916  
THE ROMAN GLADIATORS



ISBN: 9781420276930  
THE SCANDINAVIAN  
VIKINGS



ISBN: 9781420276954  
THE SPARTAN HOPLITES

# Animal Attack and Defence

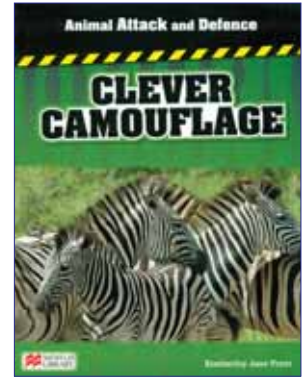
Animals display the most bizarre, daring and extraordinary behaviours as they attack prey and defend themselves against predators. This exciting series explores the features and behaviours that animals employ to surprise and confuse prey and predators, and to escape from tricky situations.

**Special features include:**

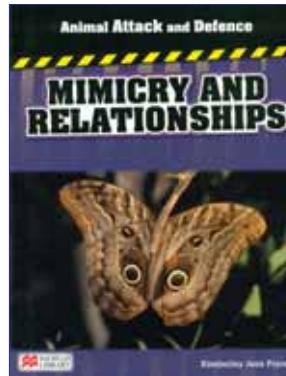
- Amazing photos show the attack or defence feature of each animal
- ‘Vital Statistics’ boxes provide key information about the animals, including where they live, what they eat and their main predators
- ‘Double defence’ case studies focus on animals with two or more defences against predators



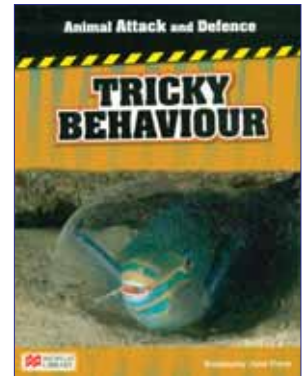
ISBN: 9781420271812  
AMAZING ARMOUR



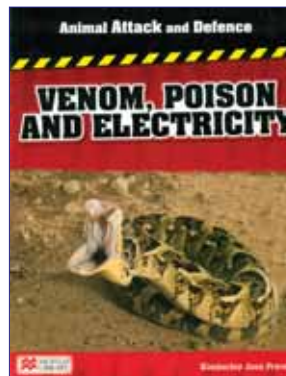
ISBN: 9781420271782  
CLEVER CAMOUFLAGE



ISBN: 9781420271799  
MIMICRY AND RELATIONSHIPS



ISBN: 9781420271829  
TRICKY BEHAVIOUR



ISBN: 9781420271805  
VENOM, POISON AND ELECTRICITY



ISBN: 9781420271775  
WARNING COLOURS

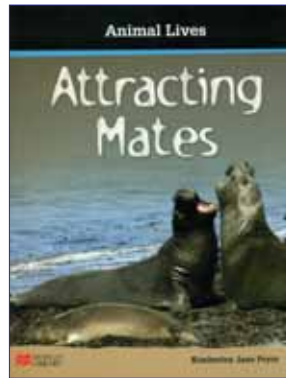
# Animal Lives

Animal Lives will entertain students with fascinating examples of how a range of animals behave in very different ways.

The series presents contrasting examples of animal behaviour in relation to where they live, what they eat, and how they breed, migrate and move. The approach encourages young readers to develop an understanding about similarities and differences between animals.

**Special features include:**

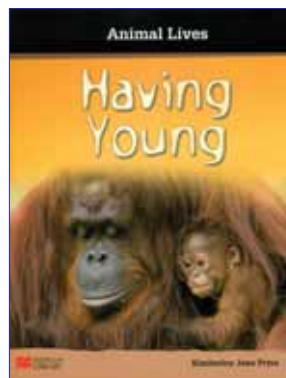
- fact files
- 'Did you know?' factoids
- photos and diagrams



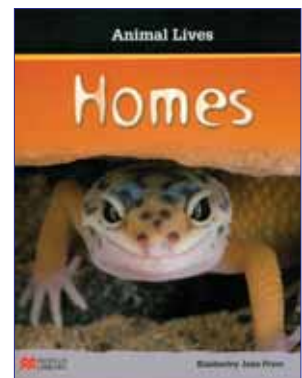
**ISBN: 9781420281163**  
ATTRACTING MATES



**ISBN: 9781420281170**  
FOOD AND FEEDING



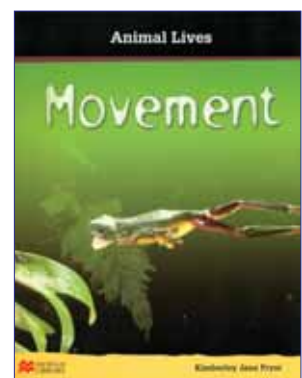
**ISBN: 9781420281187**  
HAVING YOUNG



**ISBN: 9781420281194**  
HOMES



**ISBN: 9781420281200**  
MIGRATION



**ISBN: 9781420281217**  
MOVEMENT

# Our Body

This important series focuses the microscope on the systems of the human body, showing how they work.

Four major areas examined are:

- Anatomy
- Physiology (how the system works)
- Paediatrics and nutrition (growth and development)
- Pathology and medical imaging (disease)

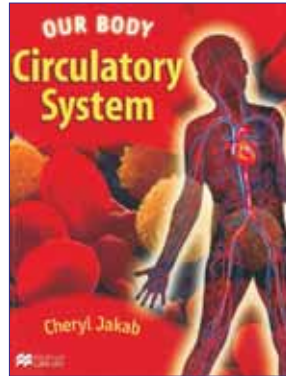
Read the Our Body series to find out about six of the human body systems.

- Circulatory System
- Digestive System
- Muscular System
- Nervous System
- Respiratory System
- Skeletal System

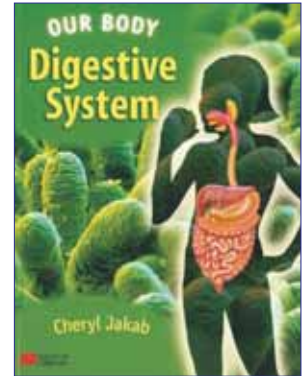
Each book in the series explores the parts and functions of a system and reveals how diseases can affect the body.

**Special features include:**

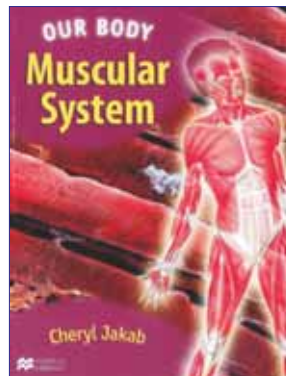
- fascinating facts
- under the microscope
- health tips
- try this
- Activity



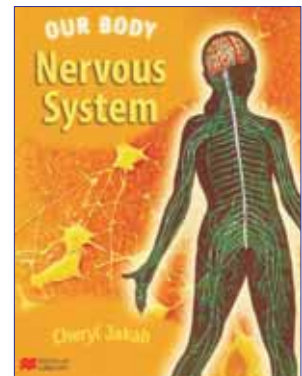
ISBN: 9781420268379  
CIRCULATORY SYSTEM



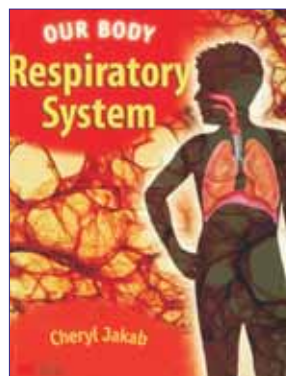
ISBN: 9781420268386  
DIGESTIVE SYSTEM



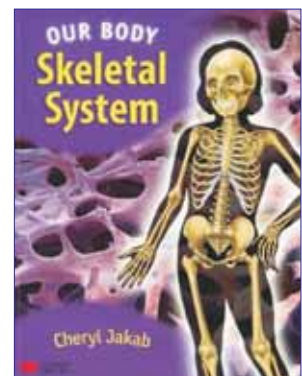
ISBN: 9781420268393  
MUSCULAR SYSTEM



ISBN: 9781420268409  
NERVOUS SYSTEM



ISBN: 9781420268416  
RESPIRATORY SYSTEM



ISBN: 9781420268423  
SKELETAL SYSTEM

# The A–Z of Scientific Discoveries

The history of science brought to life!

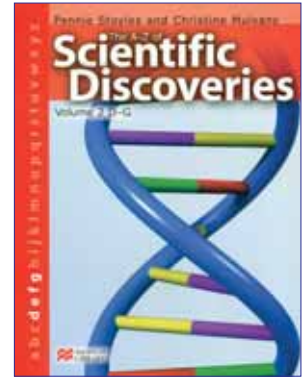
Eighty-four important scientific discoveries are presented that identify or explain parts of the natural world. Each discovery is explored over a double-page spread, with information on:

- Who made the discovery
- How the discovery was made
- The significance of the discovery
- Changes related to the discovery over time

Features include timelines, mini biographies of scientists and running glossary and definitions.



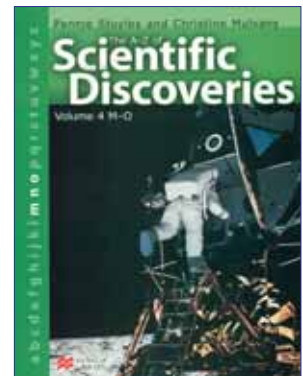
ISBN: 9781420275773  
VOLUME 1 A–C



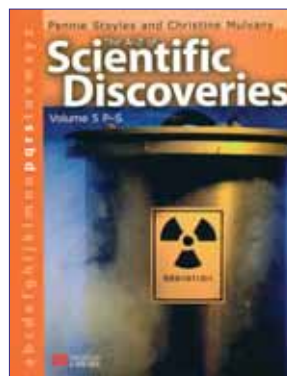
ISBN: 9781420275780  
VOLUME 2 D–G



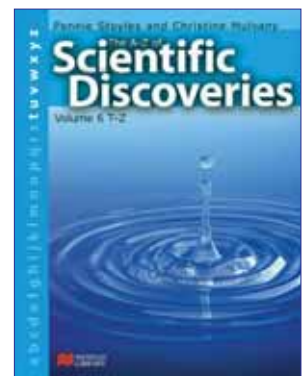
ISBN: 9781420275797  
VOLUME 3 H–L



ISBN: 9781420275803  
VOLUME 4 M–O



ISBN: 9781420275810  
VOLUME 5 P–S



ISBN: 9781420275827  
VOLUME 6 T–Z

# Scientists at Work

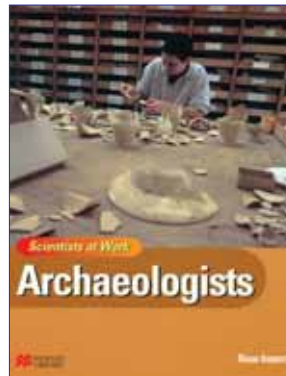
Curious to know what an archaeologist does? What about a marine biologist or a meteorologist? Do forensic scientists really do gruesome detective work? Perhaps you have always wanted to be a geologist or an astronomer?

Read the Scientists at work series to find out about the fascinating and unusual work of:

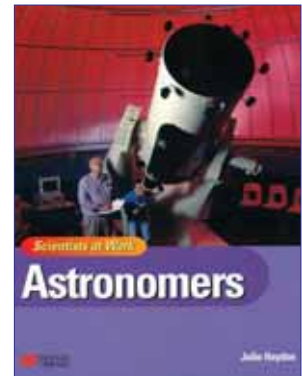
- marine biologists
- archaeologists
- geologists
- meteorologists
- astronomers
- forensic scientists

**Special features include:**

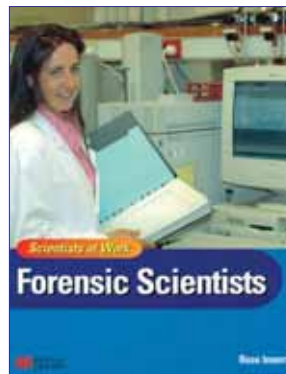
- Case studies, presented in different text types
- An interview with a scientist
- Hands-on activity and 'More to do' section
- A 'Check it out!' list of places and websites for more information.



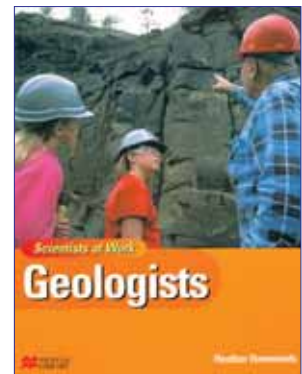
ISBN: 9781420268348  
ARCHAEOLOGISTS



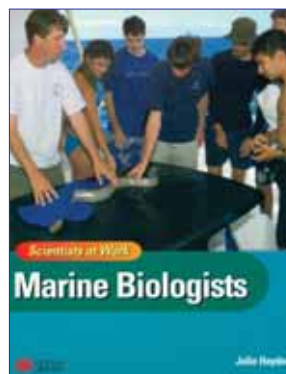
ISBN: 9781420268317  
ASTRONOMERS



ISBN: 9781420268324  
FORENSIC SCIENTISTS



ISBN: 9781420268362  
GEOLOGISTS



ISBN: 9781420268331  
MARINE BIOLOGISTS



ISBN: 9781420268355  
METEOROLOGISTS

# The Science Behind

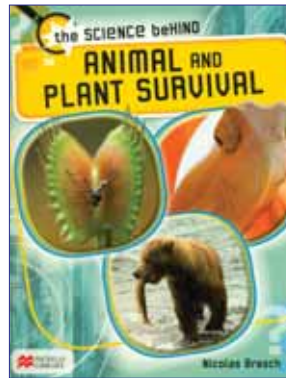
This fascinating series poses and answers intriguing science questions that students are curious about.

Each book takes one theme or topic and explores it via thirteen engaging questions. The highly visual content assists students' understanding of the sometimes quite complex concepts and processes.

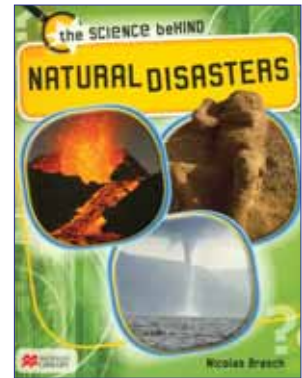
The questions are posed and answered using a number of different methods, including text, charts, maps, graphs, diagrams, timelines and annotated photos and illustrations.

**Special features include:**

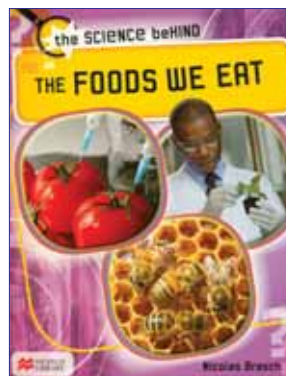
- quotes
- info boxes
- 'Word watch' – running glossaries
- 'Web tips' – websites for focused and appropriate Internet research



**ISBN: 9781420279184**  
ANIMAL AND PLANT SURVIVAL



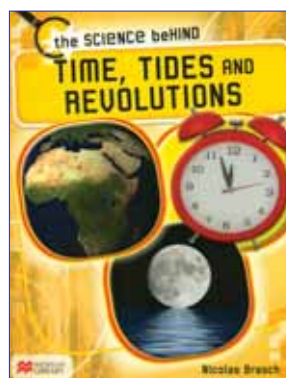
**ISBN: 9781420279153**  
NATURAL DISASTERS



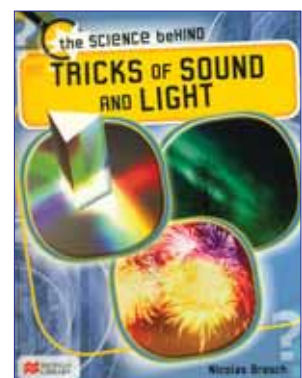
**ISBN: 9781420279160**  
THE FOODS WE EAT



**ISBN: 9781420279177**  
THEME PARKS, PLAYGROUNDS AND TOYS



**ISBN: 9781420279207**  
TIME, TIDES AND REVOLUTIONS



**ISBN: 9781420279191**  
TRICKS OF SOUND AND LIGHT

# The Technology Behind

This intriguing series poses and answers curious technology questions that students often ask.

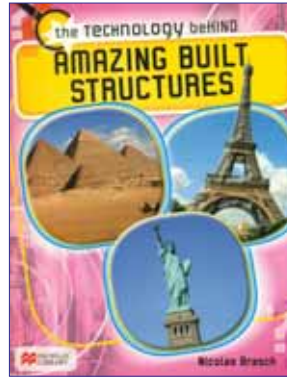
Each book takes one theme or topic and explores it via thirteen engaging 'question-and-answer' spreads. The highly visual content assists students' understanding of the sometimes complex concepts and processes.

The questions are posed and answered using a number of different methods including:

- text
- charts
- maps
- graphs
- diagrams
- timelines
- annotated photos and illustrations

**Special features include:**

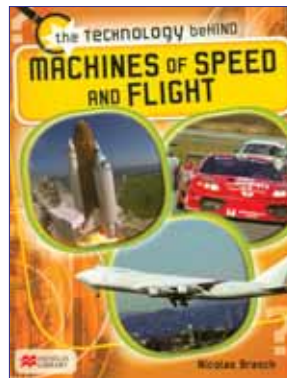
- quotes
- fact/info boxes
- 'Word watch' – running glossaries
- 'Web tips' – websites for focused and appropriate Internet research



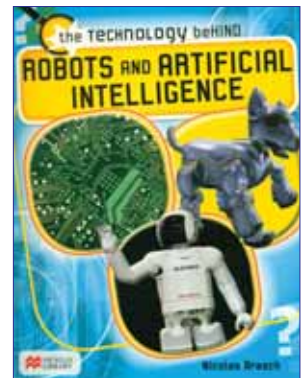
**ISBN: 9781420280913**  
AMAZING BUILT  
STRUCTURES



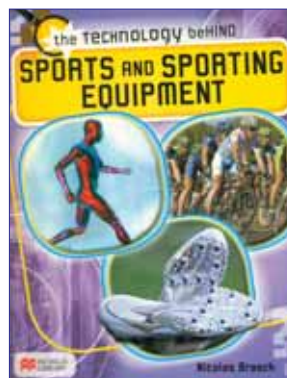
**ISBN: 9781420280937**  
EVERYDAY APPLIANCES



**ISBN: 9781420280951**  
MACHINES OF SPEED AND  
FLIGHT



**ISBN: 9781420280920**  
ROBOTS AND ARTIFICIAL  
INTELLIGENCE



**ISBN: 9781420280944**  
SPORTS AND SPORTING  
EQUIPMENT



**ISBN: 9781420280906**  
THE INTERNET

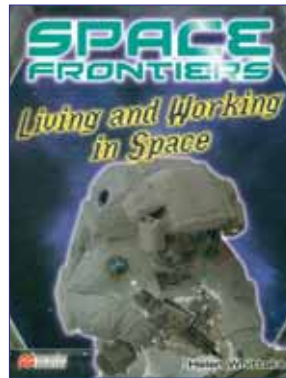
# Space Frontiers

An engaging and highly visual perspective on the fascinating topic of space.

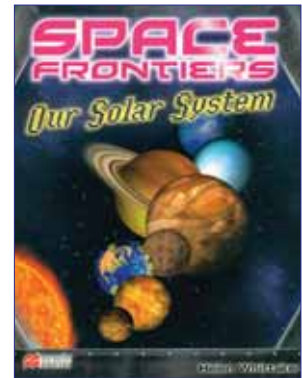
This exciting new series introduces students to aspects of space not traditionally explored, such as:

- what it is like to live and work in space
- the technology used in space programs
- key missions from the past and those planned for the future
- the science behind the space program

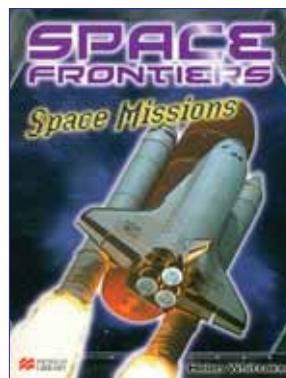
The release of **Space Frontiers** is extremely timely, with plenty of space and solar system activity expected in 2010 – the completion of the ISS, eclipses, space shuttle launches, new space vehicles and more.



ISBN: 9781420278026  
LIVING AND WORKING IN SPACE



ISBN: 9781420278040  
OUR SOLAR SYSTEM



ISBN: 9781420278019  
SPACE MISSIONS



ISBN: 9781420278057  
SPACE SCIENCE



ISBN: 9781420278033  
SPACE TECHNOLOGY



ISBN: 9781420278064  
THE UNIVERSE

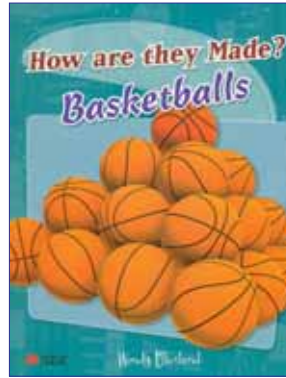
# How are they Made?

Students learn about the processes through which raw materials are turned into products we use every day.

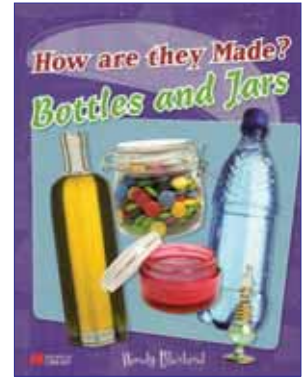
Each book presents a product familiar to children and describes its production from the raw material to the finished product in a 3-stage flowchart.

The books cover mass- and small-scale production and include:

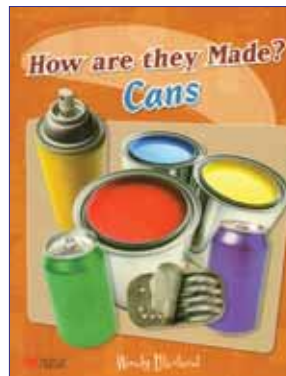
- a snapshot history of the product
- product design
- environmental aspects of manufacturing
- raw materials and where they come from
- which countries manufacture and export the particular item



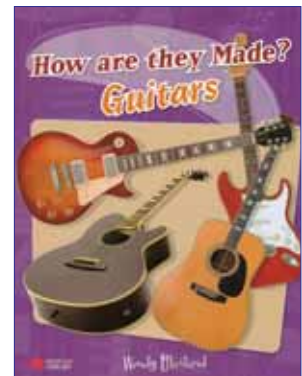
**ISBN: 9781420277968**  
BASKETBALLS



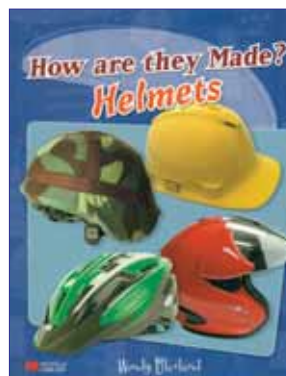
**ISBN: 9781420277975**  
BOTTLES AND JARS



**ISBN: 9781420277999**  
CANS



**ISBN: 9781420278002**  
GUITARS



**ISBN: 9781420277982**  
HELMETS



**ISBN: 9781420277951**  
JUMPERS

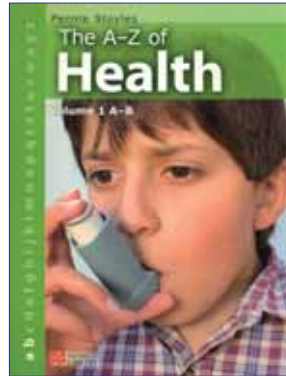
# The A–Z of Health

An important series promoting awareness and understanding of aspects of mental and physical health.

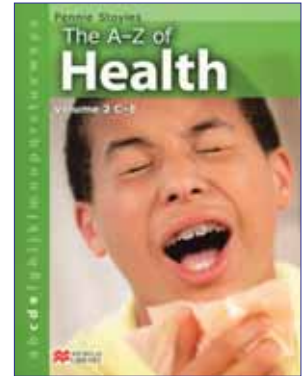
The wide range of entries come in A–Z format and include explanations of different body processes, as well as diseases and sicknesses that affect health and well-being. Other entries cover medicines and treatments, and ways to prevent sickness and maintain good health.

Each double-page entry covers the following broad areas:

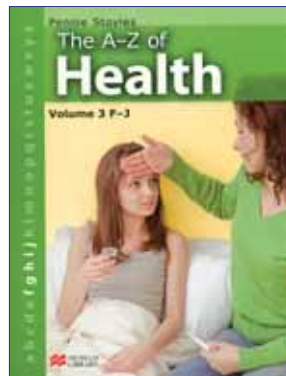
- an introduction to the health item
- an explanation of how it affects the body
- where it occurs/how it is discovered
- treatments/future



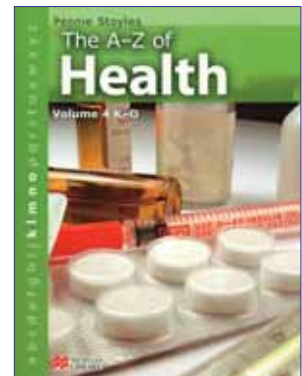
**ISBN: 9781420279092**  
VOLUME 1 A–B



**ISBN: 9781420279108**  
VOLUME 2 C–E



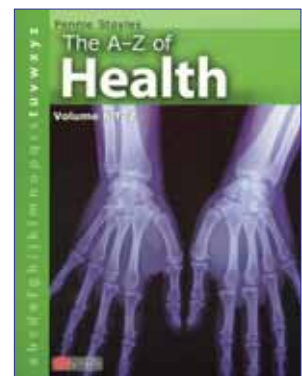
**ISBN: 9781420279115**  
VOLUME 3 F–J



**ISBN: 9781420279122**  
VOLUME 4 K–O



**ISBN: 9781420279139**  
VOLUME 5 P–S

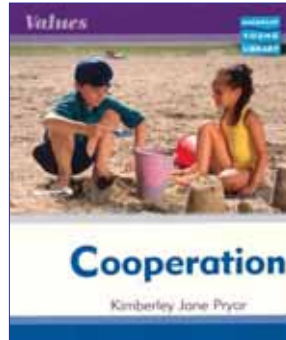


**ISBN: 9781420279146**  
VOLUME 6 T–Z

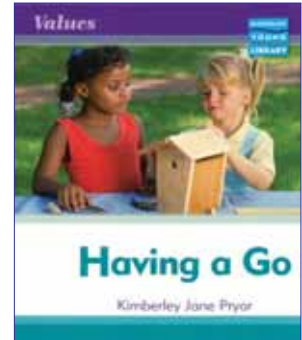
# Values

Values are the things people believe in. They play an integral role in society by guiding the way we think, speak and behave.

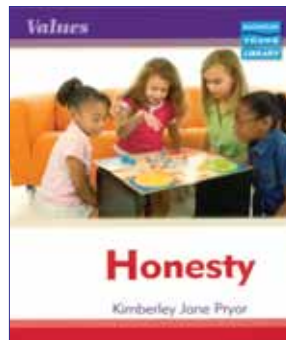
These essential books help develop young students' own ideas about the values they believe in and how they relate to their family, friends and neighbours. They are a great starting point for discussion.



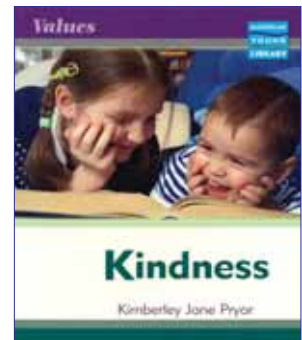
ISBN: 9781420264920  
COOPERATION



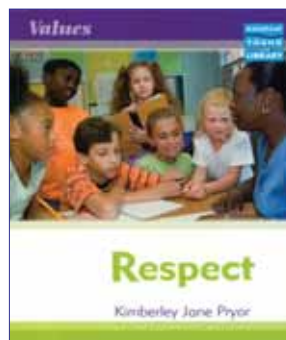
ISBN: 9781420264968  
HAVING A GO



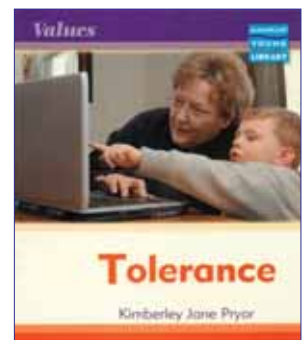
ISBN: 9781420264937  
HONESTY



ISBN: 9781420264913  
KINDNESS



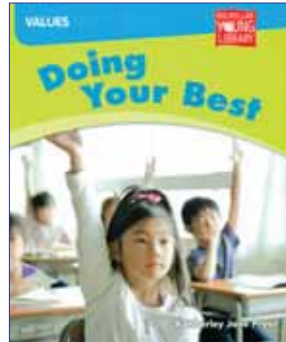
ISBN: 9781420264944  
RESPECT



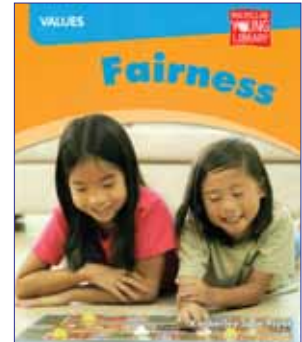
ISBN: 9781420264951  
TOLERANCE

# Values

Six new titles have been added to this bestselling series in 2010. This series can be used to support Life skills lessons and encourage young children to discuss positive values.



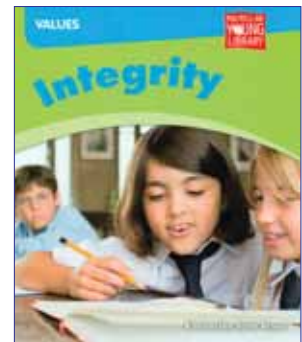
ISBN: 9781420280807  
DOING YOUR BEST



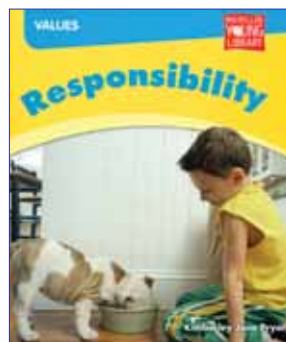
ISBN: 9781420280814  
FAIRNESS



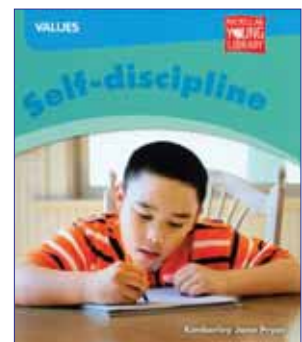
ISBN: 9781420280821  
HELPLESSNESS



ISBN: 9781420280784  
INTEGRITY



ISBN: 9781420280838  
RESPONSIBILITY



ISBN: 9781420280791  
SELF-DISCIPLINE



# MACMILLAN

**Macmillan South Africa**

Private Bag X19  
Northlands  
2116  
Tel: +27 11 731 3300  
Fax: +27 11 731 3500  
customerservices@macmillan.co.za

**Macmillan Swaziland**

PO Box 1235  
Manzini  
Swaziland  
Tel: +268 518 4533  
Fax: +268 518 7261

**Macmillan Botswana**

PO Box 1155  
Gaborone  
Botswana  
Tel: +267 391 1770  
Fax: +267 391 1897

**Macmillan Lesotho**

PO Box 7545  
Maseru, 100  
Lesotho  
Tel: +266 223 17340  
Fax: +266 223 10047

**Macmillan Education Namibia**

19 Faraday Street  
Windhoek  
Namibia  
Tel: +264 612 32165  
Fax: +264 612 33538

*Note: Prices are valid from 1 July 2011 to 30 June 2012 and are subject to change without notice.*

*All prices quoted include VAT.*

