



## ECO READING LIST



### Spring 2022

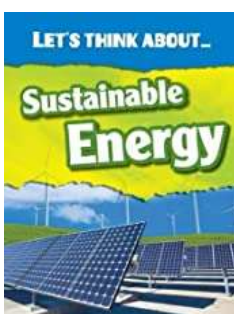


Cross-curricular series centred on sustainability and climate change, with hands-on projects linking science and design and technology.

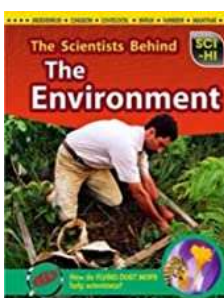


**Key environmental topics** are clearly explained, and the easy-to-follow **projects** and suggestions help to put the issues in an everyday context. From reusing clothes and composting food to reducing water waste and giving wildlife a helping hand, this book will encourage children to engage with environmental problems and inspire them to take care of our wonderful planet.

The book includes an introduction by **ClientEarth**, an organization that uses environmental law to protect oceans, forests and other habitats, as well as all people, and a foreword by **Brian Eno**.



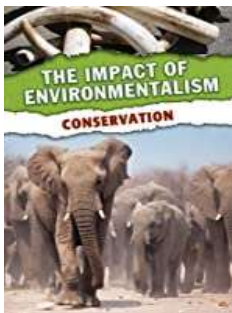
This book helps children to develop critical thinking and debating skills. It examines the topic of sustainable energy in a lively and accessible way. Information is presented to help reader's deliberate, debate, and decide for themselves. The book looks at the importance of sustainable energy, the pros and cons of different methods, and how sustainable energy is likely to develop in their future.



This addition to the Sci-Hi series looks at scientists who have made major advances and affected the way we live - men and women, historical and modern, and from a range of cultures. Some are household names, some deserve much greater recognition and credibility.



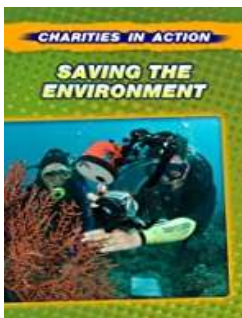
Eco-Guides are trendy, stylish books that give school-age readers realistic and practical advice on how they can live an eco-conscious life, right now. And that action can be taken by themselves, with their family, or as part of a school or community group. In this book, readers learn how to work with community groups on eco-projects and are inspired to be part of eco-classes or eco-schools.



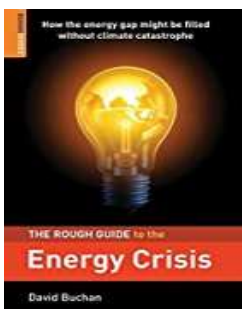
We are all aware of the importance of the environment - it's in the news, it affects our behaviour and the decisions we make every day. But what actual impact has environmental thinking had on the world around us? This thought-provoking book looks at the way changing ideas about the environment and sustainability have affected our attitudes to conservation, and will do so in the future.



How do we end up eating plastic bags? What is 'e-waste'? How do we recycle plastics? This book discusses recycling in a world that has an increasing amount of waste, looking at how effective we are globally at recycling and highlighting issues such as the dangers of recycling toxic or hazardous waste, the potential of 'blackwater' treatment and the use of new building materials that are sustainable, such as guadua bamboo.



All around the world there are charities trying to save the environment, from campaigning for government action on climate change, pollution, and energy use, to caring for woodland and beaches. This book looks at the efforts of charity workers and volunteers, with exciting stories and case studies, and gives advice on how readers can get involved.



A comprehensive guide to the workings of today's energy world, explaining the seductive nature of fossil fuels and the reasons why international climate change negotiations are proving so difficult. Read this book if you're interested in escaping the trap of fossil fuels and moving to a low carbon world. Realistically looking at the pitfalls, pressures and prospects for renewable energy, *The Rough Guide to the Energy Crisis* also shows that there is hope in new energy conservation techniques, made possible by smart grids and smart metering. You'll also discover energy security issues and future tensions that could occur, like the possibility of the lights going out, jeopardising public support for a world of cleaner energy.

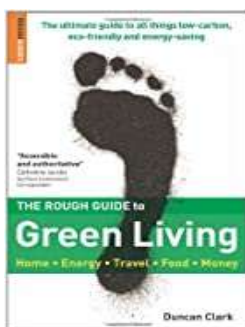


- Explains, clearly and concisely, the science and social science necessary to understand environmental issues.
- Describes - in section one - the philosophies, values, politics, and technologies which contribute to the production of environmental issues.

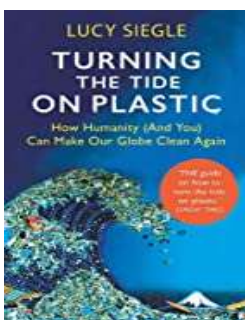
Uses cases on climate change, waste, food, and natural hazards in section two to provide detailed illustration and exemplification of the ideas described in section one. The conclusion, a case study of Mexico City, draws together the key themes.



The Rough Guide to Climate Change gives the complete picture of the single biggest issue facing the planet. Cutting a swathe through scientific research and political debate, this completely updated 2nd edition lays out the facts and assesses the options- global and personal- for dealing with the threat of a warming world. The guide looks at the evolution of our atmosphere over the last 4.5 billion years and what computer simulations of climate change reveal about our past, present, and future. Discover how rising temperatures and sea levels, plus changes to extreme weather patterns, are already affecting life around the world. The guide unravels how governments, scientists and engineers plan to tackle the problem and includes in-depth information and lifestyle tips about what you can do to help.



*The Rough Guide to Green Living* is a fact-filled, user-friendly guide to living a low-carbon, eco-friendly life. The guide provides hundreds of going green tips on all the key consumer areas - from greener shopping and recycling to producing your own electricity and reducing your carbon footprint. Suitable for everyone interested in making a difference, *The Rough Guide to Green Living* includes a plethora of simple green choices that anyone can try from green living at home, adopting greener travel habits, and growing your own, to ethical shopping and getting involved in charities or politics. Publishers have made a donation to [Sandbag.org](http://Sandbag.org)



Enough plastic is thrown away every year to **circle the world 4 times**  
More than **8 million tonnes** of plastic enter the oceans each year  
**300 million tonnes** of new plastic is produced every year  
An estimated **15-51 trillion pieces** of plastic now litter the world's oceans  
**38.5 million** plastic bottles are used **every day** in the UK  
A **million** plastic bottles are used **per minute** around the world  
**500 million** plastic straws are used **per year**.



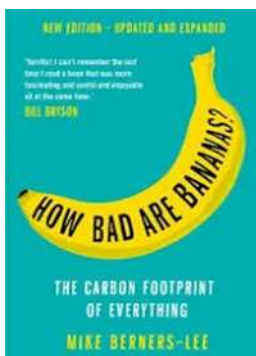
**'Everything needs to change. And it has to start today'**

In August 2018 a fifteen-year-old Swedish girl, Greta Thunberg, decided not to go to school one day. Her actions ended up sparking a global movement for action against the climate crisis, inspiring millions of pupils to go on strike for our planet, forcing governments to listen, and earning her a Nobel Peace Prize nomination.

This book brings you Greta in her own words, for the first time. Collecting her speeches that have made history across Europe, from the UN to mass street protests, *No One Is Too Small to Make A Difference* is a rallying cry for why we must all wake up and fight to protect the living planet, no matter how powerless we feel. Our future depends upon it.



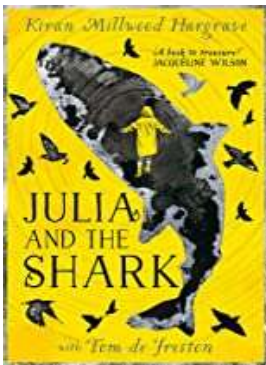
Follow in the footsteps of the Swedish teenage activist and Nobel Peace Prize candidate in *We Are All Greta* and join the global mission to save our planet from climate changes. Greta Thunberg, author of *NO ONE IS TOO SMALL TO MAKE A DIFFERENCE*, has directed the attention of adults and her peers alike to issues crucial to the future of the planet, and the heads of even the youngest children have been filled with questions. GLOBAL WARMING, THE GREENHOUSE EFFECT, FOSSIL FUELS - what do they all mean? What are biodiversity and sustainable development? Who is studying the changes that are taking place here on Earth? Which sources are reliable? What action can I take? *WE ARE ALL GRETA* sets out the basic ideas required to understand climate change, explained in a scientific and accessible way and drawn from the most authoritative sources. With a chapter on key words and sites to help you understand the climate challenge and a list of websites to visit for further information, this is a book for young people, for parents, for grandparents and anyone having to answer direct and urgent questions about what must be done to protect our world.



*How Bad Are Bananas?* was a ground-breaking book when first published in 2009, when most of us were hearing the phrase 'carbon footprint' for the first time. Mike Berners-Lee set out to inform us what was important (aviation, heating, swimming pools) and what made very little difference (bananas, naturally packaged, are good!). This new edition updates all the figures (from data centres to hosting a World Cup) and introduces many areas that have become a regular part of modern life - Twitter, the Cloud, Bitcoin, electric bikes and cars, even space tourism. Berners-Lee runs a considered eye over each area and gives us the figures to manage and reduce our own carbon footprint, as well as to lobby our companies, businesses and government. His findings, presented in clear and even entertaining prose, are often surprising. And they are essential if we are to address climate change.



## A Sample of Some ECO/Environmental Fiction Books to Read too!



Julia has followed her mum and dad to live on a remote island for the summer - her dad, for work; her mother, on a determined mission to find the elusive Greenland shark. But when her mother's obsession threatens to submerge them all, Julia finds herself on an adventure with dark depths and a lighthouse full of hope...

***A beautiful and uplifting story about a mother, a daughter, and love - with timely themes of the importance of science and the environment.***



There are no polar bears left on Bear Island. At least, that's what April's father tells her when his scientific research takes them to this remote Arctic outpost for six months. But one endless summer night, April meets one. He is starving, lonely and a long way from home. Determined to save him, April begins the most important journey of her life...

This moving story will win the hearts of children the world over and show them that no one is too young or insignificant to make a difference. *The Last Bear* is a celebration of the love between a child and an animal, a battle cry for our world and an irresistible adventure with a heart as big as a bear's.



Researching her school project on Fairtrade has been a real eye-opener for Maya. She loves clothes and is appalled to find that her favourite sparkly T-shirts are made by poor children in other countries who lead very different lives from her own, privileged one. She knows she must do something about it, but how can she make a difference without revealing her pop star secret to the world?

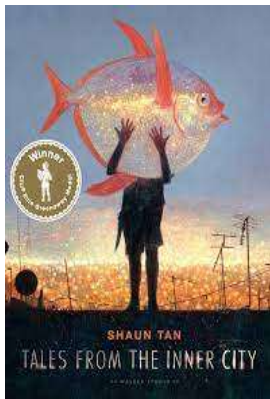
A brilliant series about the small changes that make a big difference, with themes of environmentalism and friendship.



It's the summer holidays, and thirteen-year-old Luke's life has been turned upside down. First his older sister Rose moved 'across the road', where a community of climate rebels is protesting the planned airport expansion. Then his dad followed her.

Dad only went to get Rose back, but now he's out there building totem poles, wearing sandals and drinking mead (whatever that is) with the best of them.

**Can Luke save his family when all *they* want to do is save the planet?**



World-renowned artist Shaun Tan applies his extraordinary talent to a reflection on the nature of humans and animals, and our urban co-existence. From animals as disparate as crocodiles, tigers, bees and whales, this is a dark and surreal exploration of the perennial love we feel and destruction we inflict – and shows how animals, whether domestic, feral or really wild, can save us, and how we are entwined, for better or for worse. *Tales from the Inner City* is a truly masterly work, bearing all of Shaun Tan's trademark wit and poignancy in both its prose and exquisite illustrations.



Sol is a loner, living with just his dad now that his mum has passed away. But one day, Sol's dad comes home from the Seattle docks with a story about a lone white Arctic fox, spotted among the cargo. Sol is determined to find the fox, and when he does, make it his friend. But when the fox is captured, Sol persuades his father to take him and it north, back to see the grandparents he hardly knows.

A wonderful story about family and belonging, *The White Fox* is also a magical book about our spiritual connection to animals and nature, enhanced by Jackie Morris's beautiful paintings.

**All these books are available to loan from your library  
at EPOCHS**

**D McHugh 2022**