

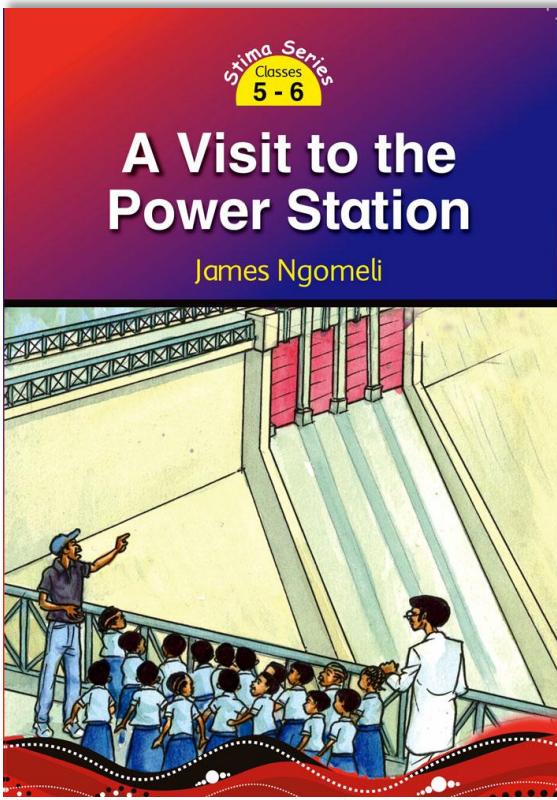
7 AFFORDABLE AND CLEAN ENERGY



SDG 7 READING LIST – ENGLISH LANGUAGE

ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL

Between 1990 and 2010, the number of people with access to electricity increased by 1.7 billion. That's progress to be proud of. And yet as the world's population continues to rise, still more people will need cheap energy to light their homes and streets, use phones and computers, and do their everyday business. How we get that energy is at issue; fossil fuels and greenhouse gas emissions are making drastic changes in the climate, leading to big problems on every continent. Instead, we can become more energy-efficient and invest in clean energy sources such as solar and wind. That way we'll meet electricity needs and protect the environment. How's that for a balancing act?



Title: A Visit to the Power Station

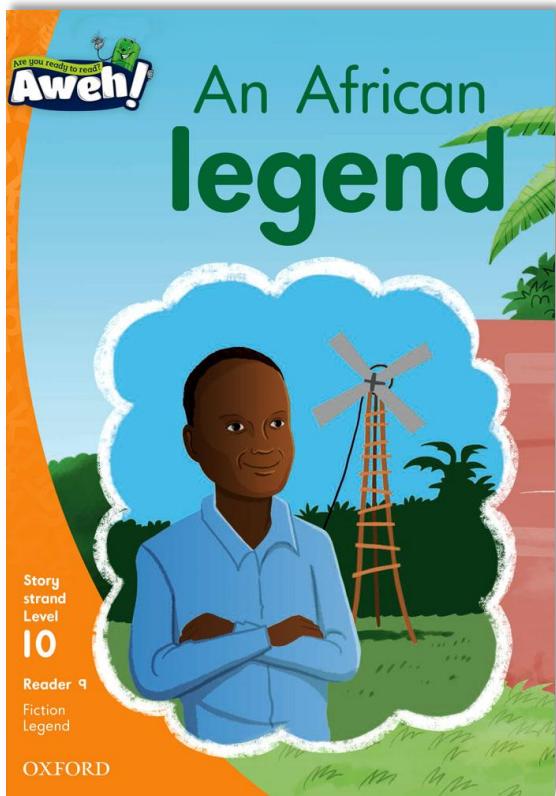
Author: James Ngomeli

Publisher: East African Educational Publishers

Website: www.eastafricanpublishers.com

ISBN: 978-9966-25-928-8

Written by James Ngomeli, an energy communications and marketing consultant, this is an engaging story featuring two school friends. They learn about the different sources and uses of power at school, from interaction with the world around them, and from visits to 2 power stations. Great photos and illustrations ensure the book will teach children about the environment, conservation, transformers and the meaning power rationing. In his foreword, the Kenyan Minister of Energy and Petroleum praises the book, calling it an invitation to young people to participate in energy related debates.



Title: An African Legend

Author: Maya Fowler

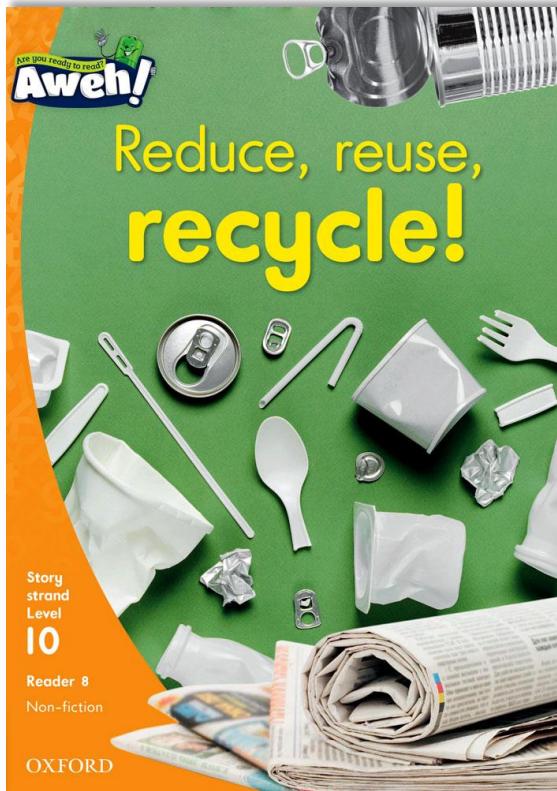
Illustrator: Adrian Bijloo

Publisher: Oxford University Press, Southern Africa

Website: <https://www.oxford.co.za/>

ISBN: 978-0190-42-880-8

Full of great illustrations, this story about Malawian William Kamkwamba will inspire children to read books so that they can learn valuable lessons and also reach for the stars. They will learn how William successfully makes a wind turbine out of materials retrieved from a rubbish dump and about the benefits of electricity which significantly improves the quality of life of William's own family in the village. A selling point of the book is its expanded focus: not only does William produce energy, he manufactures a water pump and in a clear, illustrated way, demonstrates the immense value of reusing and recycling materials.



Title: Reduce, Reuse, Recycle

Author: Oxford University Press, Southern Africa

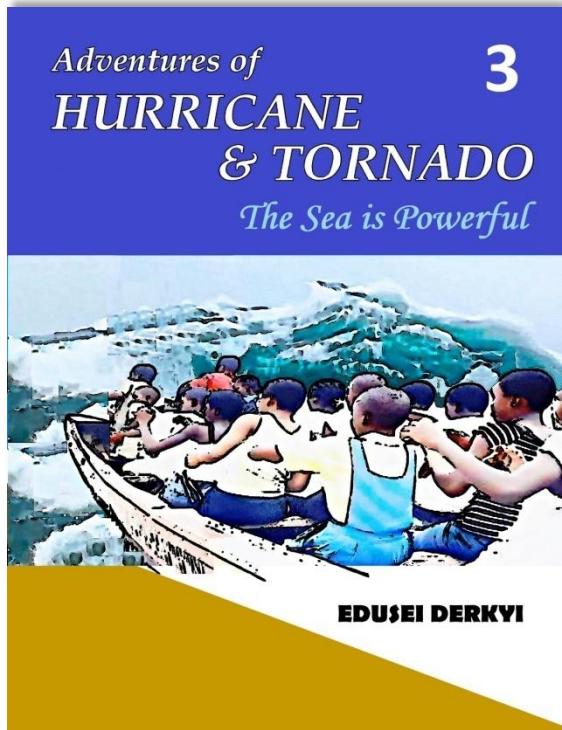
Illustrator: Oxford University Press Southern Africa

Publisher: Oxford University Press Southern Africa

Website: <https://www.oxford.co.za/>

ISBN: 978-0190-440-60-2

This excellent book goes beyond clean energy and introduces the idea of conserving what already exists by means of reducing, reusing and recycling. Children are given the nuts and bolts of everything in a colourful, eye-catching presentation. This is a very user-friendly resource conceived to inspire environmental activism in our young ones.



Title: The Adventures of Hurricane and Tornado Episode 3:
The Sea is Powerful

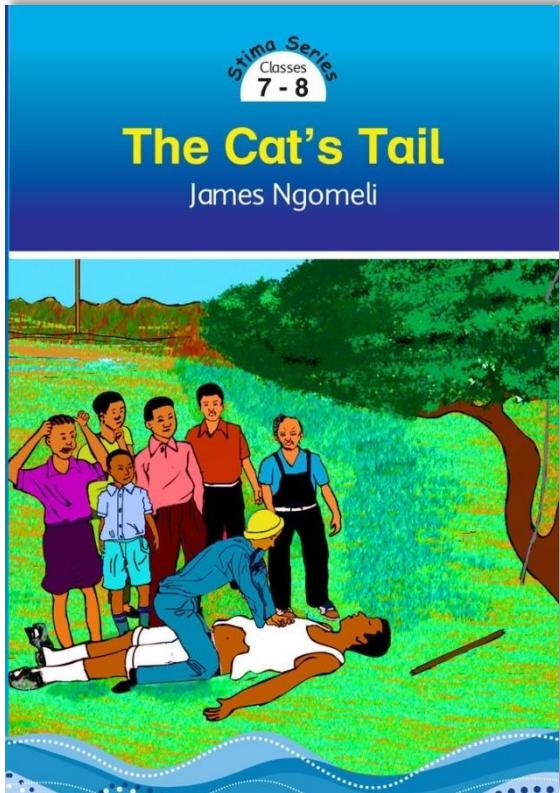
Author: Godfred Edusei Derkyi

Illustrator: Godfred Edusei Derkyi

Publisher: SELF

ISBN: 979-8840-465-82-0

Episode 3 in the series of adventures with science of Hurricane and Tornado (real names, Apaade and Yaaba) does not disappoint. If you are meeting the sisters for the first time, spend some time with them and you will admire their uncompromising quest to change the way things are done. The Sea is Powerful is an immersive read. When Hurricane and Tornado start a science club at their school in Ghana, they travel on an excursion to Winneba, located on the Gulf of Guinea, West Africa. Science club members are introduced to three powerful sources of clean energy: the sun, the wind and the sea. This is an incredible display of learning through play activity and the concepts of clean energy are laid bare by the author with expertise and a confident, accessible use of the English language.



Title: The Cat's Tail

Author: James Ngomeli

Publisher: East African Educational Publishers

Website: www.eastafricanpublishers.com

ISBN: 978-9966-25-929-5

Written by James Ngomeli, an energy communications and marketing consultant , this book discusses the benefits of electricity as well as the dangers associated with it. The science club of the primary school in Mwanga, Kenya, organizes a Science Congress with the theme, *The Benefits and the Dangers of electricity*. Students are asked to present stories about their experiences using electricity. The illustrations are fabulous. The author's text is clear and rich and filled with energy related concepts and terms. Readers will learn about conservation: for example how electricity reduces the trend towards deforestation. They will learn about clean energy; the cost of energy and the sensible use of energy. Young readers are given tips on what to do to avoid power related danger and they will discover how cases of electrocution can be treated.