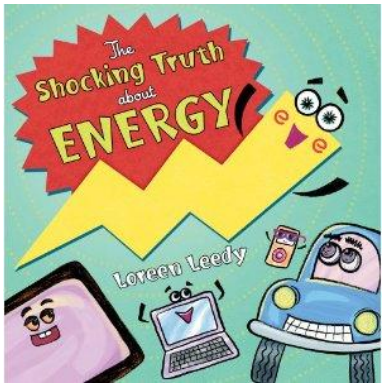
Energy Theme

Reading List for Pre-Schools and Primary

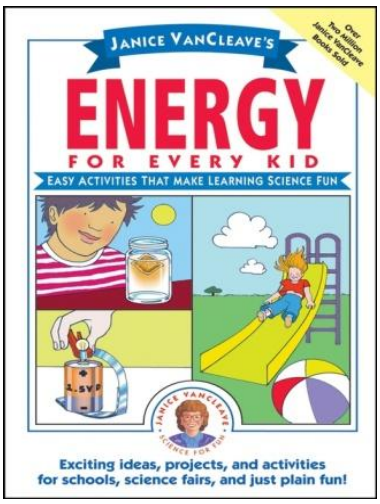
1) The Shocking Truth about Energy



'The Shocking Truth about Energy' explores the different types of energy more in depth and shows how one type of energy can change into another type. Leedy also introduces the idea of energy conservation by discussing the pros and cons of each type of energy and gives tips for how to use energy wisely.

Author: Loreen Leedy

2) Energy for Every Kid: Easy Activities That Make Learning Science Fun

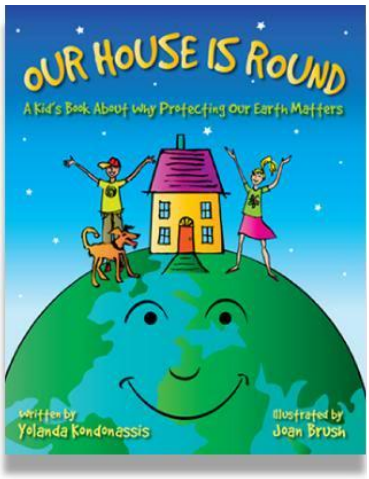


This book looks at questions like: How do plants make their own food? Why do the different strings on a guitar have different sounds? What does the color of a star tell you about how hot the star is? What's the difference between gamma rays, X-rays, and microwaves?

Each of the activities is broken down into its purpose, a list of materials, step-by-step instructions, expected results, and an easy-to-understand explanation. Plus, all projects have been pretested so you can perform them safely and inexpensively in the classroom, at a science fair, or at home!

Author: Janice VanCleave's

3) Our House is Round

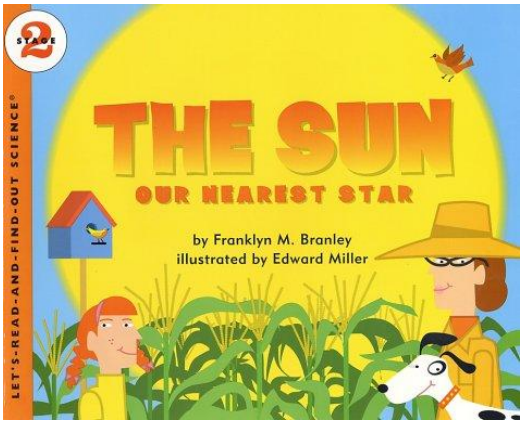


The book discusses the cause and effect of pollution and offers solutions such as recycling and energy conservation in a way that is fun and interesting for kids. A 'Messy Planet Action Plan' is provided offering children simple and realistic ways they can help clean to up our planet.

An 'Earth-Smart Dictionary' provides detailed, age appropriate definitions of fifteen common environmental terms. *Our House is Round* really does a great job of educating children about environmental concerns and empowers them to make a difference.

Author: Yolanda Kondonassis

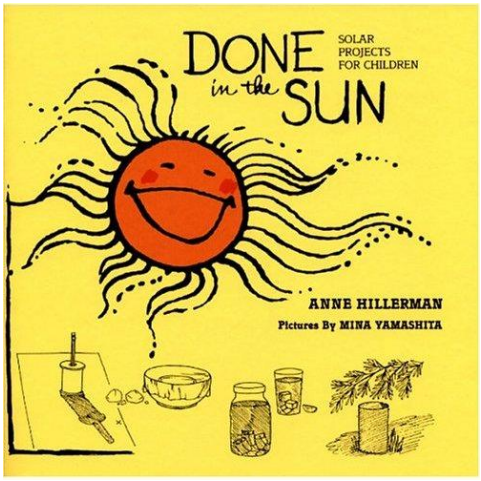
4) The Sun Our Nearest Star



The sun brings heat, warmth, and energy to the Earth. What is the sun made of? How big is it? How far away? Read and find out!

Author: Franklyn M. Branley

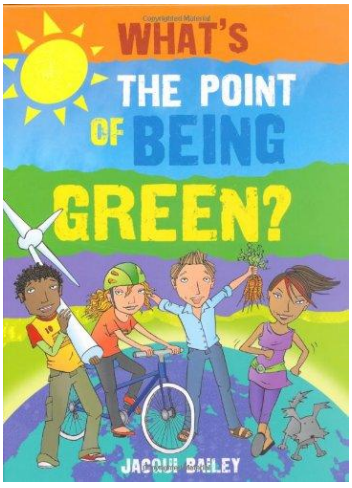
5) Done in the Sun: Solar Projects for Children



In easy-to-read style, simple experiments with common household objects teach young readers first-hand about solar power. The book makes learning fun and appeals to children who want to try things out for themselves. Step-by-step directions are given for each experiment along with a complete list of the items needed. In each project, the sun is the hero and (in story form) the book uses three children as characters to ask questions and them perform the experiments which are "done in the sun." Parents and teachers will welcome this book as an aid to explaining how the sun works for all of us. Fully illustrated, black and white line drawings, bibliography.

Author: Anne Hillerman

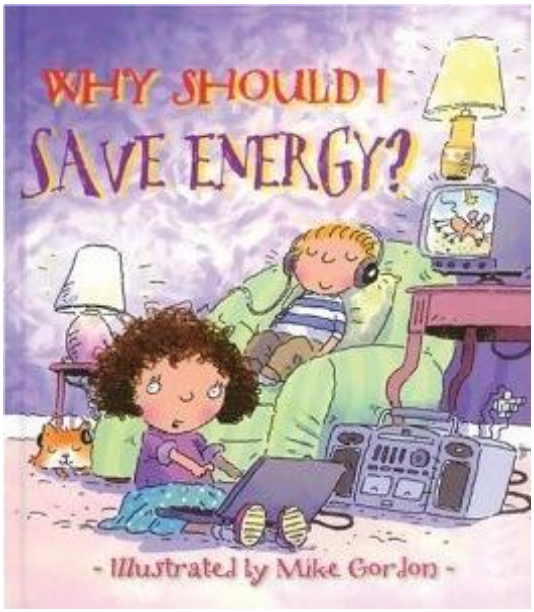
6) Whats the Point of Being Green (for Ages 10-14)



Discusses a variety of environmental issues, with suggestions for things that organizations, governments, and individuals can do to help, covering topics such as energy efficiency, climate change, recycling, and population growth.

Author: Jacqui Bailey

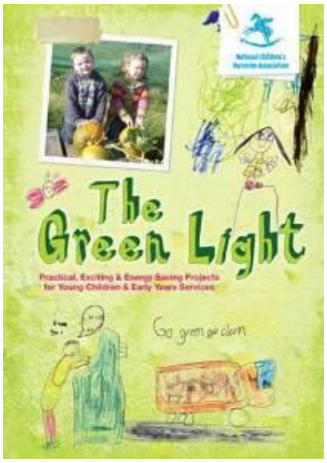
7) Why Should I Save Energy? (Ideal for preschoolers and toddlers)



Children take electricity and other energy sources for granted, until one day their community has a power blackout. They come to realize that in lighting homes and keeping houses warm, we are using up natural resources that can't be easily replaced. If we fail to save energy, a time may come when our homes will always be cold and dark. Part of every child's development involves asking questions. Today, some of the most important questions kids ask are related to the natural environment. The enlightening and entertaining four-book *Why Should I?* series demonstrates the importance of protecting nature. Books present brief, entertaining stories that answer children's questions and feature amusing colour illustrations on every page. A note at the back of each book is for parents and teachers, suggesting ways to use these books most effectively

Author: Jen Green

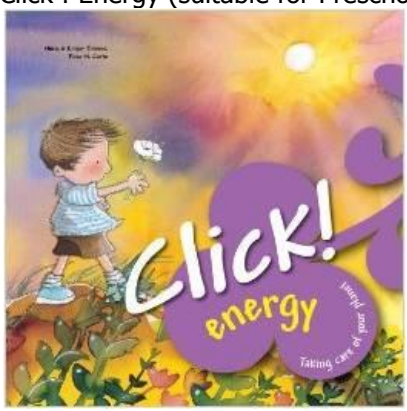
8) The Big Green Light



Practical, Exciting and Energy Saving Projects for Young Childcare and Early Years Services. Developed by the NCNA (now Early Childhood Ireland) with input from SEAI, this booklet helps to introduce the topic of recycling and energy efficiency into pre-school facilities. It is available to purchase or to view here: http://www.seai.ie/Schools/Early-Years/

Author: Early Childhood Ireland

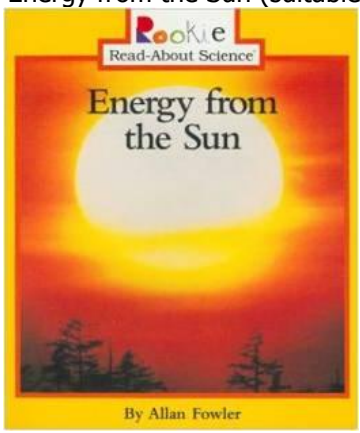
9) Click ! Energy (suitable for Preschool and Jnr Primary)



In this book, kids discover that all energy on Earth comes either directly or indirectly from the Sun. They also learn the value of finding sources of renewable energy. Earth's resources are limited and precious, and must be used with care.

Author: Nuria Jimenez

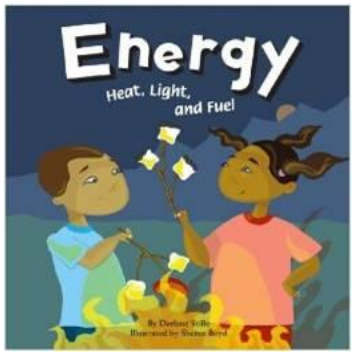
10) Energy from the Sun (suitable for Preschool and Jnr Primary)



This book is a great introduction to energy. It helps define what energy is and what it does. It explains how the energy from the sun sustains all living things on Earth.

Author: Allan Fowler

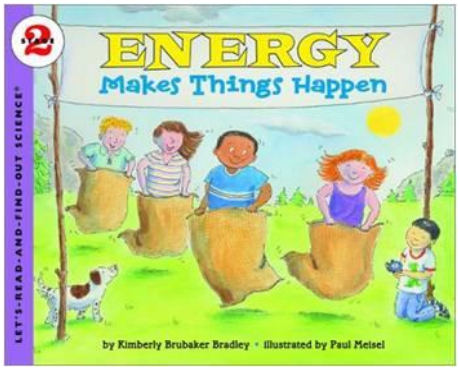
11) Energy: Heat, Light and Fuel (suitable for Preschool and Jnr Primary)



This is a great introduction to energy, what it does and why it matters. This book explains how there are different sources of energy as well as different places to store it.

Author: Darlene Stille

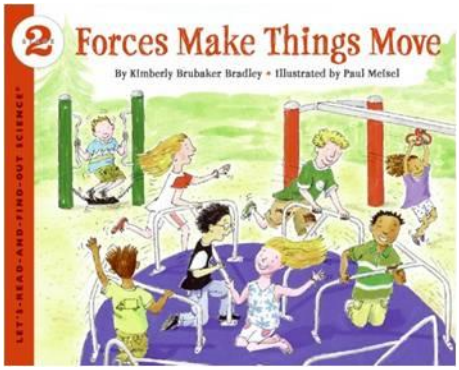
12) Energy Makes Things Happen (suitable for Preschool and Jnr Primary)



Where does energy come from? What does energy do? How do we use energy daily? Explore these science concepts with young children to help them realize that energy is all around us.

Author: Kimberly Brubaker Bradley

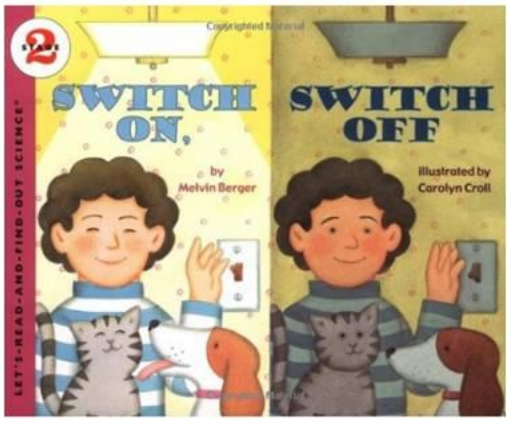
13) Forces Make Things Move (suitable for Preschool and Jnr Primary)



What is force? As stated in the title of this book, force makes things move! Find out how you use force all the time, and explore how size and weight relate to necessary force.

Author: Kimberly Brubaker Bradley

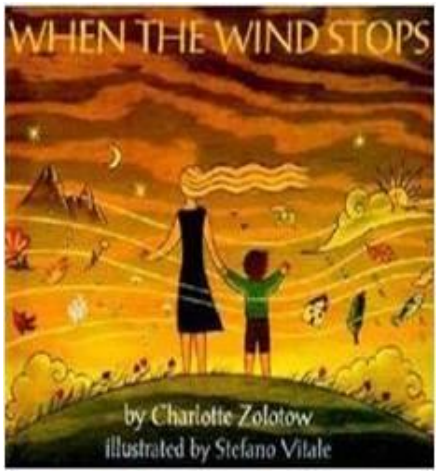
14) Switch On, Switch Off (suitable for Preschool and Jnr Primary)



This fun book will help children understand how electricity works beyond just a switch on and off. Learn all about the basics of electricity, from how it is produced to how it is used.

Author: Melvin Berger

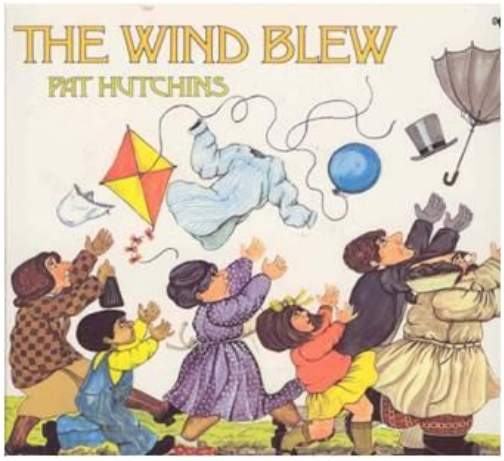
15) When the Wind Stops (suitable for Preschool and Jnr Primary)



This book explores the idea that the wind, along with other natural occurrences never stop. Though it is out of sight, the wind continues to blow in other places around the world.

Author: Charlotte Zolotow

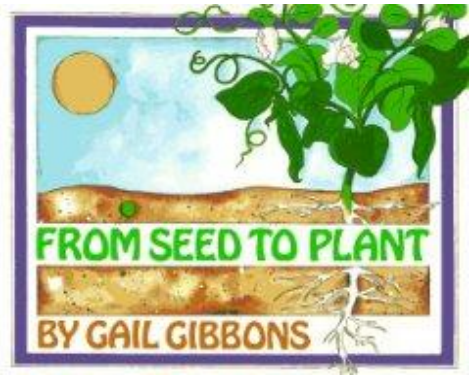
16) The Wind Blew (suitable for Preschool and Jnr Primary)



In this book the wind stirs up trouble by blowing away umbrellas, hats, balloons and other objects. A great story that shows young children how strong the wind can be in a fun age appropriate way.

Author: Pat Hutchins

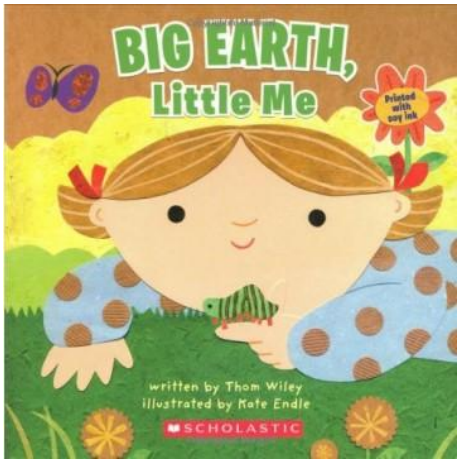
17) From Seed to Plant (suitable for Preschool and Jnr Primary)



From Seed to Plant explores the intricate relationship between seeds and the plants which they produce.

Author: Gail Gibbons

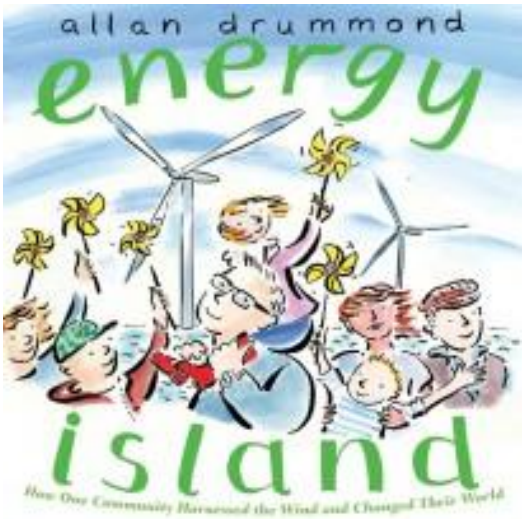
18) Big Earth, Little Me (suitable for babies to preschoolers)



Printed with organic-soy-based ink, this book with flaps empowers young readers by teaching 10 simple, everyday ways to save the world!
I can help.
I can recycle.
I can turn off the water.
I can turn off the lights.
Printed with organic-soy-based ink, this simple picture book with flaps is made for young readers. From the adorable cut paper collage illustrations to the simple text, Big Earth, Little Me is a book that thinks globally, but focuses locally

Author: Thom Wiley

19) Energy Island (suitable for older pre-schoolers and primary)



Hold onto your hats! It's windy on the Danish island of Samso. Meet the environmentally friendly people who now proudly call their home Energy Island.

At a time when most countries are producing ever-increasing amounts of CO2, the rather ordinary citizens of Samsø have accomplished something extraordinary--in just ten years they have reduced their carbon emissions by 140% and become almost completely energy independent. A narrative tale and a science book in one, this inspiring true story proves that with a little hard work and a big idea, anyone can make a huge step towards energy conservation.

Author: Allan Drummond