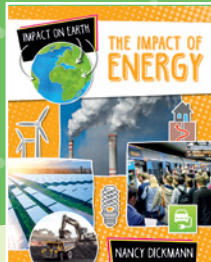
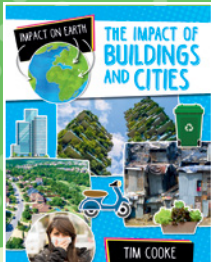




The modern world is full of remarkable developments that have improved life for millions of people, from cars and plastic packaging to food-delivery services and social media. However, many of these developments come at a considerable cost. This series looks at both the positive aspects of modern developments as well as the problems they create, such as pollution, using up resources, overcrowding, and cyberbullying. The efforts being made to reduce some of the most negative effects are highlighted in features such as "Tech Solution" and "Emergency Case Studies," along with suggestions for readers on what they can do to help. Free downloadable Teacher's Guide.

Specifications:

Reading Level: Grade 5
Interest Level: Grades 4-7
32 pages, 8 x 10",
full color



The Impact of Buildings and Cities by Tim Cooke

The growth of cities can lead to overcrowding, pollution from transportation and factories, and the release of greenhouse gases from buildings. Find out how we can create buildings and cities without harming the environment in this informative title. Case studies show how scientists, architects, and planners are investigating how to build more energy-efficient houses and more sustainable cities.

The Impact of Energy by Nancy Dickmann

Extracting and burning oil, gas, and coal damages the environment, pollutes the air and water, harms our health, and contributes to global warming. Find out how we can heat and light our buildings, travel, and power our devices without harming the planet in this resourceful title. Case studies show how scientists are investigating renewable energy sources, such as wind and solar power, how to make homes and buildings more energy efficient, and how we can help by changing our own behavior.

The Impact of Food and Farming by Cynthia O'Brien

This important book shows how we can farm and grow food without harming the planet. Case studies show how scientists are investigating ways to prevent the problems modern farming creates, including pollution from chemicals used for growing crops, clearcutting of rainforests to make space for grazing and farmland, and contributing to climate change by breeding more and more livestock. Useful suggestions encourage readers to find ways to reduce their food waste and packaging.

The Impact of Plastics by Ruth Daly

Plastic pollution is one of the most urgent environmental problems facing our planet. This timely title shows how we can stop plastics from doing further harm. Find out what plastics are, how they are made, and why they are so widely used. Case studies reveal the negative impact of plastics, especially microbeads and single-use plastics, on the oceans and coasts, as well as in our landfills and food chains.

The Impact of the Internet by Tim Cooke

The Internet gives us information at our fingertips and puts us in touch instantly with anyone in the world. But its growth has come at a cost. Find out how we can stay connected without harming ourselves or the planet in this insightful look at the Internet. Case studies reveal the environmental impact of producing and discarding the computers and other devices we use, as well as the human toll from serious problems such as cyberbullying and online addiction.

The Impact of Travel and Transportation by Nancy Dickmann

This book explores ways we can move around without harming the planet. Case studies show how scientists are working on cleaner fuels and new forms of transportation in order to prevent pollution, which affects people's health, and greenhouse gases, which contribute to climate change. Find out how we can contribute by changing our own transportation habits.

- Supports CCSS—Reading Informational Text Grade 5: Key Ideas and Details RI.5.2, RI.5.3, Craft and Structure RI.5.4
- Supports C3 Framework for Social Studies: Taking Informed Action: D4.6.3-5, D4.7.3-5; Supports Next Generation Science Standards: 4-ESS3-1, 5-ESS3-1

