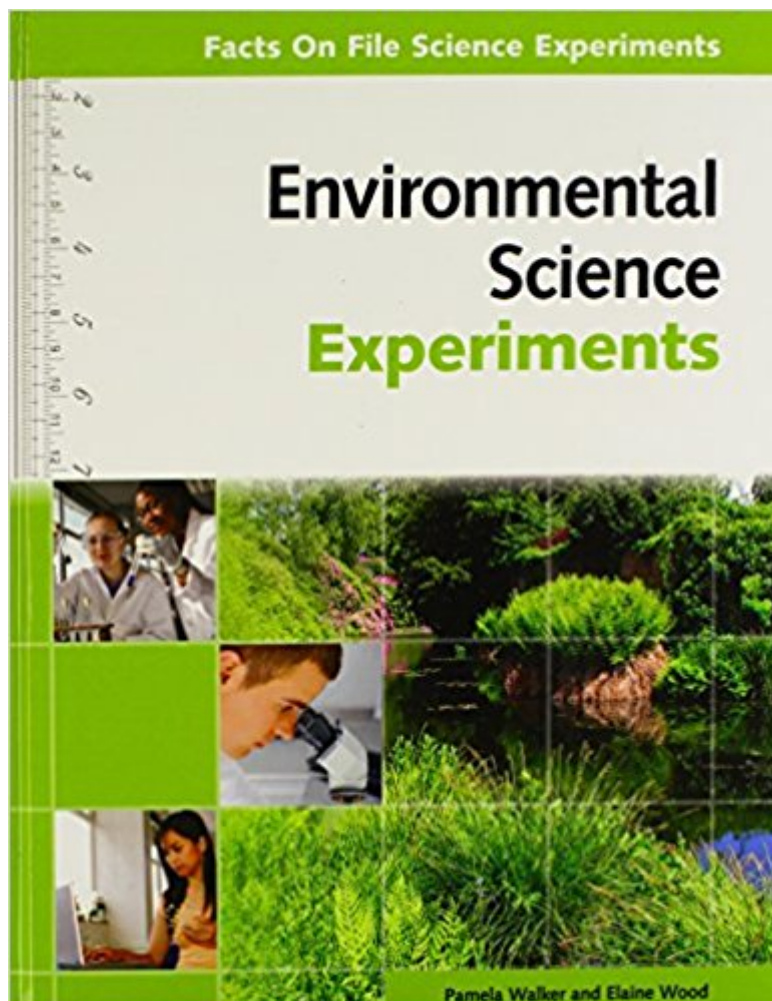




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Environmental Science Experiments (Facts On File Science Experiments)



Synopsis

Environmental Science Experiments offers students and teachers the tools to explore various environmental issues. Through 20 new hands-on activities, students can learn more about environmental problems and what can be done to solve them. Facts, figures, charts, and reports efficiently dispense information about the environment and help raise awareness about timely issues. Full-color illustrations, an index, a glossary, and print and Web resources round out this accessible new volume.

Book Information

Series: Facts on File Science Experiments

Hardcover: 153 pages

Publisher: Facts on File; 1 edition (October 1, 2009)

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Age Range: 12 - 15 years

Grade Level: 7 - 10

Customer Reviews

Grade 6 Up
•Each of these titles contains 20 experiments that allow students to actively engage in scientific inquiry. Projects are presented in a uniform format, with an introduction to the topic, time requirements (35 minutes to 2 weeks), a materials list, numbered procedures, and several analysis questions. They conclude with an explanatory "What's Going On?" section, connections to the real world, and an annotated list for further reading. Line drawings, colorful images, and data tables enhance instructions. An introductory section addresses safety precautions, with specific reminders in the body of each experiment. Volumes close with a "Scope and Sequence Chart" aligned to the National Science Content Standards, teachers' notes for each

experiment, a thorough glossary, and further Internet resources. The experiments themselves are timely and fascinating. Environmental Science includes high-interest investigations into what people throw away, the safety of reusing water bottles, and a "bottled versus tap water" taste test. In Forensics, a banana autopsy, blood-spatter inquiry, and "Glitter as Trace Evidence" will hook CSI fans. Despite detailed instructions, close teacher supervision is a must. While many science experiment guides exist, these volumes cover a broad range of disciplines and are more current than Forensic Science Experiments on File (Facts On File, 2004). They are solid choices for enrichment activities or to refresh the existing experiments within the science curriculum.

— Amy Pickett, Ridley High School, Folsom, PA (c) Copyright 2010. Library Journals LLC, a wholly owned subsidiary of Media Source, Inc. No redistribution permitted.

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