



STEAM HOTLIST

Light and Sound Waves Close-Up

Reading Level: Grades 1-2 | Interest Level: Grades K-3
8 x 8" • 24 pages

Created to support the Next Generation Science Standards as well as S.T.E.M. initiatives, this innovative series explains essential light and sound wave concepts, such as how light and sound can be used for communication. Child-centered examples, text-dependent questions, and hands-on experiments and design challenges capture the reader's attention and support learning.

Title	GRL	Price	QTY	ISBN
How Does Sound Change? <i>Robin Johnson ©2014</i>		\$18.36	_____	978-0-7787-0520-8 HC 978-0-7787-0524-6 PB
What Are Light Waves? <i>Robin Johnson ©2014</i>		\$18.36	_____	978-0-7787-0519-2 HC 978-0-7787-0523-9 PB
What Are Shadows and Reflections? <i>Robin Johnson ©2014</i>		\$18.36	_____	978-0-7787-0521-5 HC 978-0-7787-0525-3 PB
What Are Sound Waves? <i>Robin Johnson ©2014</i>		\$18.36	_____	978-0-7787-0522-2 HC 978-0-7787-0526-0 PB



Science to the Rescue

Reading Level: Grade 4 | Interest Level: Grades 3-6
8 x 10" • 32 pages

These exciting, high-interest survival tales follow a character named Joe who is a scientist and adventurer. Joe finds himself in dangerous situations in different geographical, geological, and climatic regions of the world. In each story, he must rely on his science and technology knowledge to save himself!

Title	GRL	Price	QTY	ISBN
Alone in the Arctic <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0428-7 HC \$10.95 _____ 978-0-7787-0434-8 PB
Dry in the Desert <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0429-4 HC \$10.95 _____ 978-0-7787-0435-5 PB
Stranded on an Island <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0430-0 HC \$10.95 _____ 978-0-7787-0436-2 PB
Swept Away by the Storm <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0431-7 HC \$10.95 _____ 978-0-7787-0437-9 PB
Tangled in the Rainforest <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0432-4 HC \$10.95 _____ 978-0-7787-0438-6 PB
Trapped on the Rock <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0433-1 HC \$10.95 _____ 978-0-7787-0439-3 PB



The Robotx Get Help from Simple Machines

Reading Level: Grades 2-3 | Interest Level: Grades K-3
8 x 10" • 32 pages

The Robotx are two small robots—RobbO and RobbEE—who spend their days exploring the technology of simple machines—and creating their own. Playful text and funny illustrations support information boxes and detailed photos to show young readers the mechanics of movement.

Title	GRL	Price	QTY	ISBN
Pressing Down: The Lever <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0416-4 HC \$10.95 _____ 978-0-7787-0422-5 PB
Pulling Up: The Pulley <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0417-1 HC \$10.95 _____ 978-0-7787-0423-2 PB
Rolling Along: The Wheel and Axle <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0418-8 HC \$10.95 _____ 978-0-7787-0424-9 PB
Sloping Up and Down: The Inclined Plane <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0419-5 HC \$10.95 _____ 978-0-7787-0425-6 PB
Splitting Apart: The Wedge <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0420-1 HC \$10.95 _____ 978-0-7787-0426-3 PB
Winding Around: The Screw <i>Gerry Bailey ©2014</i>		\$21.56	_____	978-0-7787-0421-8 HC \$10.95 _____ 978-0-7787-0427-0 PB

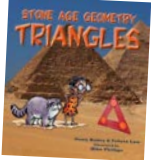
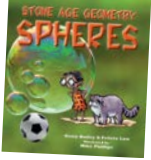
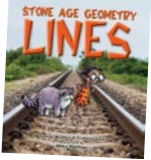
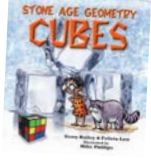
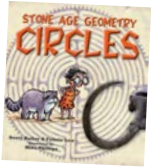


Stone Age Geometry

Reading Level: Grades 4-5 | Interest Level: Grades 3-6
8 x 10" • 32 pages

Leo is a Stone Age, geometry genius. His cat, Pallas, is not. In this innovative series, which supports STEM fields, Leo identifies six key geometric concepts and puts them to use in his prehistoric world. Together, Leo and Pallas look at the historic, technological, and real-world applications of lines, spheres, circles, triangles, squares, and cubes. Fun characters combine humor with reference information and diagrams to help readers understand geometric principles and mathematical concepts.

Title	GRL	Price	QTY	ISBN
Stone Age Geometry: Circles <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0507-9 HC \$10.95 _____ 978-0-7787-0513-0 PB
Stone Age Geometry: Cubes <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0508-6 HC \$10.95 _____ 978-0-7787-0514-7 PB
Stone Age Geometry: Lines <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0509-3 HC \$10.95 _____ 978-0-7787-0515-4 PB
Stone Age Geometry: Spheres <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0510-9 HC \$10.95 _____ 978-0-7787-0516-1 PB
Stone Age Geometry: Squares <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0511-6 HC \$10.95 _____ 978-0-7787-0517-8 PB
Stone Age Geometry: Triangles <i>Gerry Bailey, Felicia Law ©2014</i>		\$21.56	_____	978-0-7787-0512-3 HC \$10.95 _____ 978-0-7787-0518-5 PB





STEAM HOTLIST

Engineering Close-Up

Reading Level: Grades 1-2 | Interest Level: Grades K-3
8 x 8" • 24 pages

Crabtree's innovative new engineering series is "designed" to pique readers' curiosity, capture their interest, and inspire their imaginations! Correlated to support the Next Generation Science Standards and STEM initiatives, Engineering Close-Up provides an exciting and accessible introduction to the engineering profession and the engineering design process. Child-centered examples, engaging text, and opportunities for hands-on learning are sure to inspire the future generation of innovators!

Title	GRL	Price	QTY	ISBN
Engineering in Our Everyday Lives		\$18.36	_____	978-0-7787-0092-0 HC
Reagan Miller ©2014		\$8.95	_____	978-0-7787-0099-9 PB
Engineers Build Models		\$18.36	_____	978-0-7787-0093-7 HC
Reagan Miller ©2014		\$8.95	_____	978-0-7787-0100-2 PB
Engineers Solve Problems		\$18.36	_____	978-0-7787-0094-4 HC
Reagan Miller, Crystal Sikkens ©2014		\$8.95	_____	978-0-7787-0101-9 PB
How Engineers Find Solutions		\$18.36	_____	978-0-7787-0095-1 HC
Robin Johnson ©2014		\$8.95	_____	978-0-7787-0113-2 PB

Young Architect

Reading Level: Grade 3 | Interest Level: Grades 3-6
8 x 10" • 32 pages

Aligned to STEM, this imaginative series introduces readers to the basic concepts in engineering and architecture, as well as to the vocabulary that would be found in an architect's notebook. Each book includes creative illustrations and cross-sections from a wide variety of structures. An activity is also included in each book to encourage readers to think like an architect!

Title	GRL	Price	QTY	ISBN
Adventure Homes	Q	\$21.56	_____	978-0-7787-0287-0 HC
Gerry Bailey, Moreno Chiacchiera ©2014		\$10.95	_____	978-0-7787-0291-7 PB
Storybook Homes	P	\$21.56	_____	978-0-7787-0288-7 HC
Gerry Bailey, Joelle Dreidemy ©2014		\$10.95	_____	978-0-7787-0298-6 PB
Towering Homes	Q	\$21.56	_____	978-0-7787-0289-4 HC
Gerry Bailey, Moreno Chiacchiera ©2014		\$10.95	_____	978-0-7787-0299-3 PB
Working Homes	P	\$21.56	_____	978-0-7787-0290-0 HC
Gerry Bailey, Moreno Chiacchiera ©2014		\$10.95	_____	978-0-7787-0300-6 PB
Ancient Homes		\$21.56	_____	978-0-7787-1437-8 HC
Saranne Taylor, Moreno Chiacchiera ©2015		\$10.95	_____	978-0-7787-1453-8 PB
Animal Homes		\$21.56	_____	978-0-7787-1438-5 HC
Saranne Taylor, Moreno Chiacchiera ©2015		\$10.95	_____	978-0-7787-1454-5 PB
Futuristic Homes		\$21.56	_____	978-0-7787-1439-2 HC
Saranne Taylor, Moreno Chiacchiera ©2015		\$10.95	_____	978-0-7787-1455-2 PB
Green Homes		\$21.56	_____	978-0-7787-1452-1 HC
Saranne Taylor, Moreno Chiacchiera ©2015		\$10.95	_____	978-0-7787-1456-9 PB



Engineering in Action

Reading Level: Grade 5 | Interest Level: Grades 5-8
8 x 10" • 32 pages

Created to support the 2012 Conceptual Framework for K-12 Science Education standards, this innovative series connects readers with the technology that surrounds them in their everyday lives. The series is designed to spark new ideas, build critical and creative thinking skills, and inspire interest and enthusiasm for STEM careers. Each title explores a specific field of engineering through experiments that teach related scientific principles. Readers are introduced to the steps in the engineering design process, including defining problems, discussing solutions, and building and testing models.

Title	GRL	Price	QTY	ISBN
Aerospace Engineering and the Principles of Flight	V	\$21.56	_____	978-0-7787-7495-2 HC
Anne Rooney ©2013		\$10.95	_____	978-0-7787-7500-3 PB
Civil Engineering and the Science of Structures	V	\$21.56	_____	978-0-7787-7496-9 HC
Andrew Solway ©2013		\$10.95	_____	978-0-7787-7501-0 PB
Electrical Engineering and the Science of Circuits	V	\$21.56	_____	978-0-7787-7497-6 HC
James Bow ©2013		\$10.95	_____	978-0-7787-7502-7 PB
Mechanical Engineering and Simple Machines	V	\$21.56	_____	978-0-7787-7498-3 HC
Robert Snedden ©2013		\$10.95	_____	978-0-7787-7503-4 PB
Audio Engineering and the Science of Sound Waves		\$21.56	_____	978-0-7787-1196-4 HC
Anne Rooney ©2014		\$10.95	_____	978-0-7787-1229-9 PB
Chemical Engineering and Chain Reactions		\$21.56	_____	978-0-7787-1197-1 HC
Robert Snedden ©2014		\$10.95	_____	978-0-7787-1230-5 PB
Environmental Engineering and the Science of Sustainability		\$21.56	_____	978-0-7787-1213-8 HC
Robert Snedden ©2014		\$10.95	_____	978-0-7787-1231-2 PB
Optical Engineering and the Science of Light		\$21.56	_____	978-0-7787-1228-2 HC
Anne Rooney ©2014		\$10.95	_____	978-0-7787-1232-9 PB

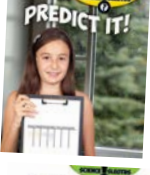


Science Sleuths

Reading Level: Grade 2 | Interest Level: Grades K-3
8½ x 9½" • 24 pages

Designed to promote curiosity, wonder, and discovery, this innovative new series introduces young readers to the science practices highlighted in the Next Generation Science Standards. Inviting text, child-centered examples, and vibrant visuals combine to encourage readers to think and act like scientists. The first four titles in this series cover essential practices including asking questions, making observations, and communicating ideas and information. Each title actively engages readers with open-ended questions and investigations.

Title	GRL	Price	QTY	ISBN
Question It!		\$18.36	_____	978-0-7787-0759-2 HC
Azza Sharkawy ©2015		\$8.95	_____	978-0-7787-0784-4 PB
Observe It!		\$18.36	_____	978-0-7787-0765-3 HC
Azza Sharkawy ©2015		\$8.95	_____	978-0-7787-0786-8 PB
Predict It!		\$18.36	_____	978-0-7787-0773-8 HC
Azza Sharkawy ©2015		\$8.95	_____	978-0-7787-0796-7 PB
Share It!		\$18.36	_____	978-0-7787-0781-3 HC
Azza Sharkawy ©2015		\$8.95	_____	978-0-7787-0818-6 PB





STEAM HOTLIST

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