The following books were selected to support the concepts introduced in the third-grade Sound and Light mini-unit. These books were in-print and at prices listed as of October 2005.

**Angliss, Sarah. SOUND AND LIGHT.** Kingfisher, 2001. 40p. $6.95pb., $15.95, ISBN 0753453479. This great book provides extremely clear explanations of how and why sound and light phenomena happen. In addition to the descriptions, the author provides over 40 hands-on experiments that students can easily complete independently. The colorful, clean illustrations are mainly computer-generated art. Text features include table of contents, index and glossary.


**Cobb, Vicki. I SEE MYSELF.** HarperCollins, 2002. 31p. $16.99, ISBN 0-688-17836-7. At first glance this book seems more appropriate toward younger readers, but it provides excellent information about reflected light and vision. The author suggests that it be read using a mirror, ball and flashlight to try out the ideas within. Several of the experiments are similar to investigations in the TUSD mini-unit. Eye-catching computer generated art by Julia Gorton clearly illustrates the concepts.

Cooper, Jason. **SOUND.** Rourke, 2003. 24p. $4.95pb. ISBN 1-58952-413-6. This small book is packed with great information about the key concepts through concise text and good photos. Easy to follow text supports all learners.

Cooper, Jason. **LIGHT.** Rourke, 2003. 24p. $4.95pb. ISBN 1-58952-777-1. This small book covers some of the basic concepts, but is not as good as **SOUND** by the same author.

Glover, David. **SOUND AND LIGHT (YOUNG DISCOVERERS: SCIENCE FACTS AND EXPERIMENTS).** Kingfisher, revised edition, 2002. 32p. $12.90, $7.95 pb. ISBN 0753455129. All the key concepts are explained in concise terms. Photo and sketched illustrations assist the reader. Text features include table of contents with symbol key, and index.

Hossell, Karen Price. **SONAR.** Heinemann, 2001. 48p. $7.95 pb. ISBN 1-58810-488-5. From the series *Know It: Communicating,* this book goes beyond the mini-unit to examine how sound waves are used to explore the ocean, look inside the human body, and help bats and dolphins move and hunt. Small section on careers in sonar, great glossary and index give information for curious students and teachers.


Madgwick, Wendy. **LIGHT AND DARK.** Raintree Steck-Vaughn, 1999. 32 p., $25.64, ISBN 0-8172-5556-7. Simple experiments and activities present the properties of light and demonstrate how it can be bent, reflected in a mirror, and used to make shadows, rainbows, and moving pictures. While the material is age appropriate, the photos all feature very young children doing the experiments. Text features include glossary and index.

Madgwick, Wendy. **SUPER SOUND.** Raintree Steck-Vaugh, 1999. 32 p., $25.64, $4.99pb. ISBN 0-8172-5327-0. The material is age appropriate, but the photos all feature very young children doing the experiments. Glossary, index and other text features provide useful information.
Newman, Fred.  **MOUTHSOUNDS: HOW TO WHISTLE, POP, BOING AND HONK FOR ALL OCCASIONS ... AND THEN SOME.** Workman Publishing, 2004. 243p. $13.95, ISBN 0-7611-3422-0.  Fun explanations about how to make a wide variety of sounds.  Includes CD and instructions, with caution about rude noises.  Detailed charts show parts of mouth, tongue and vocal chords and how they can be positioned in different ways to make a variety of sounds.

Pfeffer, Wendy.  **SOUNDS ALL AROUND.** HarperCollins, 1999.  32p. $13.00, $4.99pb.  ISBN 0060277114.  This easy Let's-Read-and-Find-Out-Series, Level 1 title  covers all the basic information about the production and perception of sound.  While the cover shows very young children, the simple text is accessible to all readers.  Easy activities demonstrate the principles of vibration, volume and pitch.

Rosinsky, Natalie M.  **LIGHT: SHADOWS, MIRRORS AND RAINBOWS.** Picture Window Books, 2003. 24p. $16.95, ISBN 1-4048-0013-1W.  Colorful graphic illustrations add to the clear explanations of key concepts aimed at the primary-aged readers.  Text features include table of contents, glossary, index and a list of websites to find more information about light.

Rosinsky, Natalie M.  **SOUND: LOUD, SOFT, HIGH AND LOW.** Picture Window Books, 2003. 24p. $16.95, ISBN 1-4048-0016-6W.  Simple text and colorful graphic illustrations provide clear explanations of key concepts and is aimed at the primary-aged readers.  Text features include table of contents, glossary, index and a list of websites to find more information about light.

Sabbeth, Alex.  **RUBBER-BAND BANJOS AND A JAVA JIVE BASS: PROJECTS AND ACTIVITIES ON THE SCIENCE OF MUSIC AND SOUND.** Jossey-Bass, 1997. 112p. $12.95pb.  ISBN 0471156752.  In addition to providing easy-to-follow instructions on making a wide variety of musical instruments, this fun volume provides information on the basic concepts and more.  Sidebar discussions of various scientists who loved music and include Alexander Graham Bell and Albert Einstein.  Text features include table of contents, glossary and index.


Wiseman, AnnSayre and John Langstaff.  **MAKING MUSIC; HOW TO CREATE AND USE XX HOMEMADE MUSICAL INSTRUMENTS.** Storey, 2003. 96p. $19.95, $9.95pb. ISBN 1580175120.  With adult assistance, children can make rhythm, string and percussion instruments from a variety of household items.  Information about instruments and music from around the world enrich the descriptions and instructions.

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