

PHOTOGRAPHY CREDITS: (c) @dragon\_fang/Shutterstock; 2 (c) @Ocean/Corbis; 4 (c) @Ariel Skelley/Cusp/Corbis; 5 (c) @Alamy Royalty Free; 6 (c) @Ole Graf/Corbis; 6 (c) @Comstock/Getty Images

Copyright © by Houghton Mifflin Harcourt Publishing Company

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage and retrieval system, without the prior written permission of the copyright owner unless such copying is expressly permitted by federal copyright law. Requests for permission to make copies of any part of the work should be addressed to Houghton Mifflin Harcourt Publishing Company, Attn: Contracts, Copyrights, and Licensing, 9400 Southpark Center Loop, Orlando, Florida 32819-8647.

Printed in the U.S.A.

ISBN: 978-0-544-07191-9

1 2 3 4 5 6 7 8 9 10 XXXX 21 20 19 18 17 16 15 14 13 12

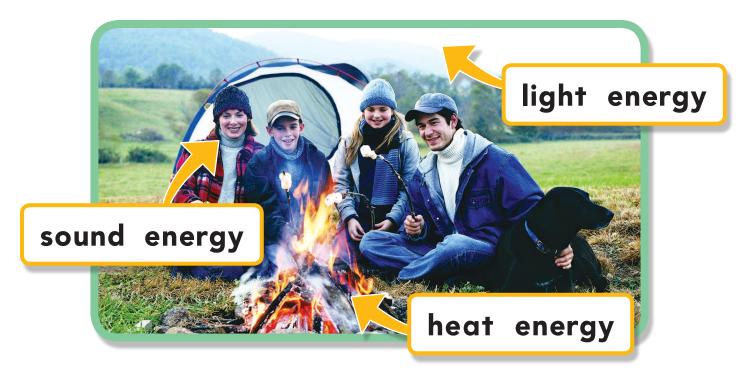
4500000000 A B C D E F G

If you have received these materials as examination copies free of charge, Houghton Mifflin Harcourt Publishing Company retains title to the materials and they may not be resold. Resale of examination copies is strictly prohibited.

Possession of this publication in print format does not entitle users to convert this publication, or any portion of it, into electronic format.







Energy is heat, light, and sound. Energy helps us.



Heat is a kind of energy.

Heat helps us cook food.

Heat makes us feel warm.



Light is a kind of energy.

Light comes from many things.





Sound is a kind of energy. Things move back and forth quickly. They vibrate. This makes sound.



## Responding

## **Use Your Senses**

Have children observe the classroom with a partner. Tell them to use their senses to safely explore light, heat, and sound energy. Ask them to make a list of how each one is used in the room.

## Write About Energy

Have children copy and complete these sentences. Then ask them to write or draw two examples of where light comes from and two examples of how they use light. Have them repeat the activity with heat energy and sound energy.

I see light with \_\_\_\_\_.

I feel heat with \_\_\_\_\_.

I hear sound with \_\_\_\_.

## Vocabulary

heat sound light vibrate





