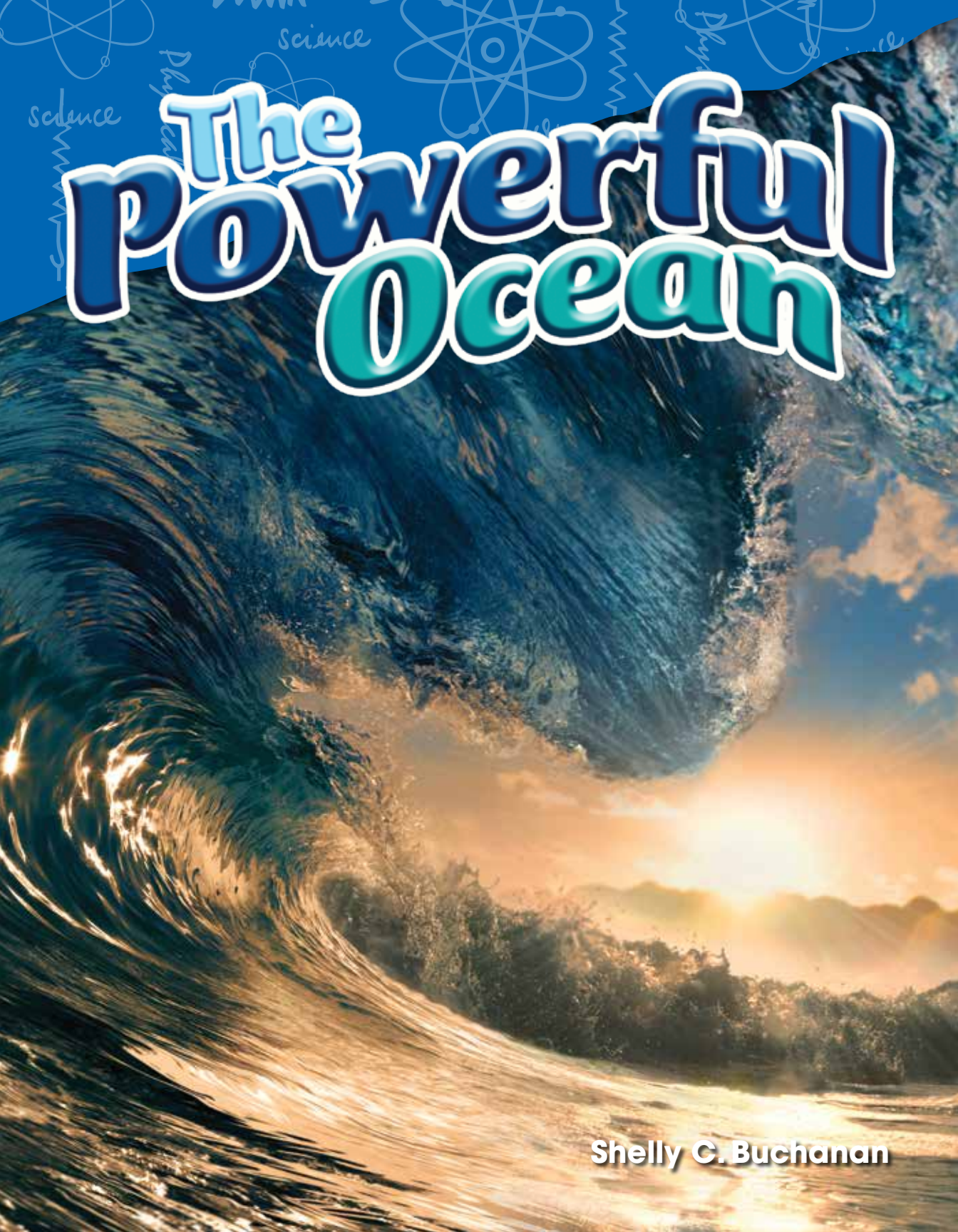
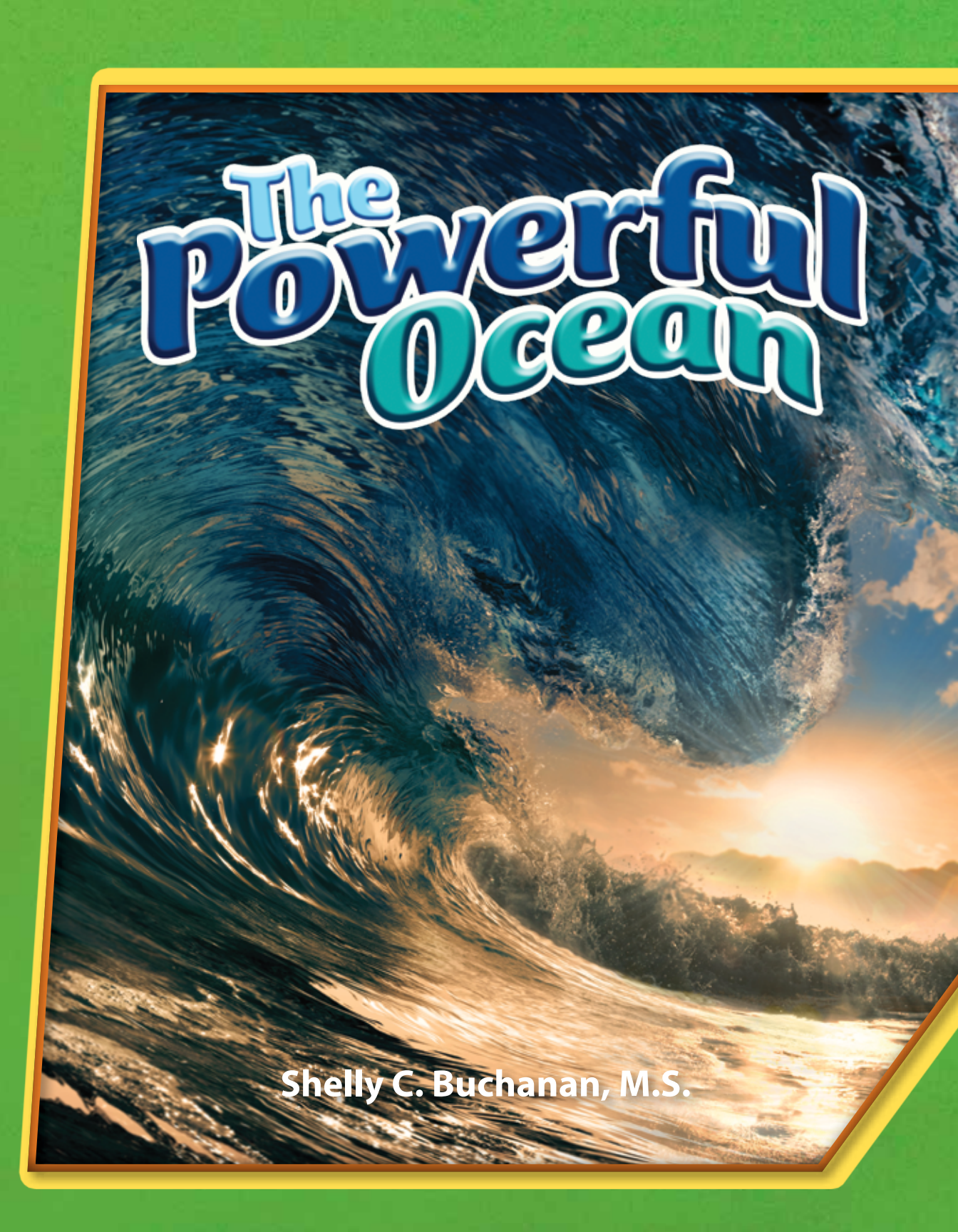




The Powerful Ocean

Shelly C. Buchanan



The Powerful Ocean

Shelly C. Buchanan, M.S.

Consultant

Jill Tobin

California Teacher of the Year

Semi-Finalist

Burbank Unified School District

Publishing Credits

Rachelle Cracchiolo, M.S.Ed., *Publisher*

Conni Medina, M.A.Ed., *Managing Editor*

Diana Kenney, M.A.Ed., NBCT, *Content Director*

Dona Herweck Rice, *Series Developer*

Robin Erickson, *Multimedia Designer*

Timothy Bradley, *Illustrator*

Image Credits: p.5 Charles V. Angelo/Science Source; Back cover iStock; p.7 Gary Hincks/Science Source; p.9 (illustration) Timothy Bradley; p.10 National Oceanic and Atmospheric Administration, (background) Wikimedia Commons; p.13 Alamy, (illustration) Timothy Bradley; p.18 Danté Fenolio/Science Source; p.19 NOAA Office of Exploration and Research; p.20 (illustration) Timothy Bradley; p.22 Science Source; p.23 (illustration) Timothy Bradley; p.24 Claus Lunau/Science Source; all other images from Shutterstock.

Library of Congress Cataloging-in-Publication Data

Buchanan, Shelly, author.

The powerful ocean / Shelly C. Buchanan.
pages cm

Summary: "The ocean is beautiful, powerful, and refreshing. It's home to many amazing and unique creatures. The salty water provides the perfect home for many plants and animals. Within these waters are choppy currents and strong tides. But without the ocean, our world would be a very different place."-- Provided by publisher.

Audience: Grades 4 to 6

Includes index.

ISBN 978-1-4807-4726-5 (pbk.)

1. Ocean--Juvenile literature.
2. Oceanography--Juvenile literature.
3. Marine animals--Juvenile literature. I. Title.
GC21.5.B83 2016
551.46--dc23

2015003017

Teacher Created Materials

5301 Oceanus Drive

Huntington Beach, CA 92649-1030

<http://www.tcmpub.com>

ISBN 978-1-4807-4726-5

© 2016 Teacher Created Materials, Inc.

Table of Contents

Watery World	4
Land Under the Water.....	8
Ocean Life.....	14
Ocean Motion	20
Protecting the Ocean.....	26
Think Like a Scientist	28
Glossary	30
Index	31
Your Turn	32