

Ocean Maps

Coordinate Planes



Julia Wall

Ocean Maps

Coordinate Planes



Julia Wall

Publishing Credits

Editor

Sara Johnson

Editorial Director

Dona Herweck Rice

Editor-in-Chief

Sharon Coan, M.S.Ed.

Creative Director

Lee Aucoin

Publisher

Rachelle Cracchiolo, M.S.Ed.

Image Credits

The author and publisher would like to gratefully credit or acknowledge the following for permission to reproduce copyright material: cover (background, below & right) Shutterstock; p.1 Corbis; p.4 The Photolibary; p.6 The Photolibary; pp.7–9 Shutterstock; p.10 Alamy (above), NOAA (below); p.11 Shutterstock; p.12 Shutterstock; p.14 Alamy; p.15 NOAA; p.16 The Photolibary; p.17 Alamy; p.18 The Photolibary; p.19 NOAA; p.20 NOAA; p. 21 NOAA; p.22 Shutterstock; p.23 (below) Alamy, Corbis (above); p.25 The Photolibary; p.26 The Photolibary; p.27 Istock Photos.

Diagrams by Miranda Costa

While every care has been taken to trace and acknowledge copyright, the publishers tender their apologies for any accidental infringement where copyright has proved untraceable. They would be pleased to come to a suitable arrangement with the rightful owner in each case.

Teacher Created Materials

5301 Oceanus Drive

Huntington Beach, CA 92649-1030

<http://www.tcmpub.com>

ISBN 978-0-7439-0915-0

© 2009 Teacher Created Materials, Inc.

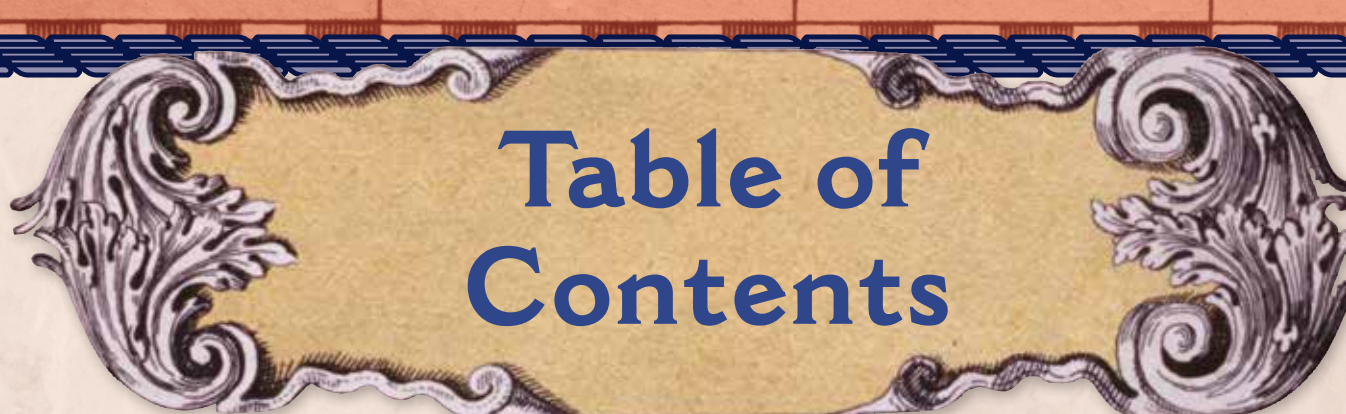


Table of Contents

Oceans of Water	4
Finding the Way	6
Map Coordinates	11
Under the Surface	13
The Secrets of Sound Waves	14
New Ways of Seeing the Sea	18
Eyes in the Sky	22
The Changing Tide of Technology	26
Problem-Solving Activity	28
Glossary	30
Index	31
Answer Key	32

