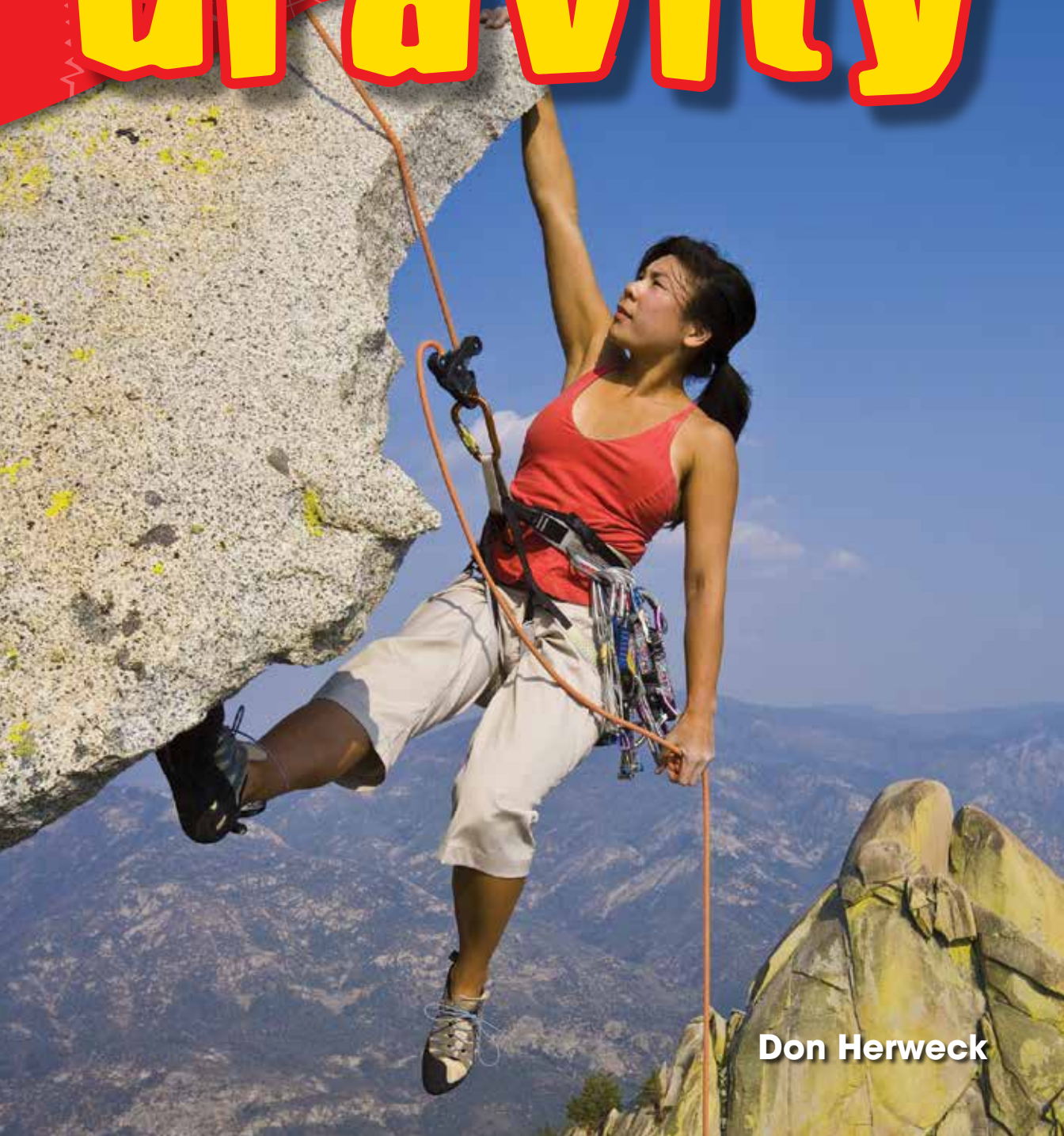
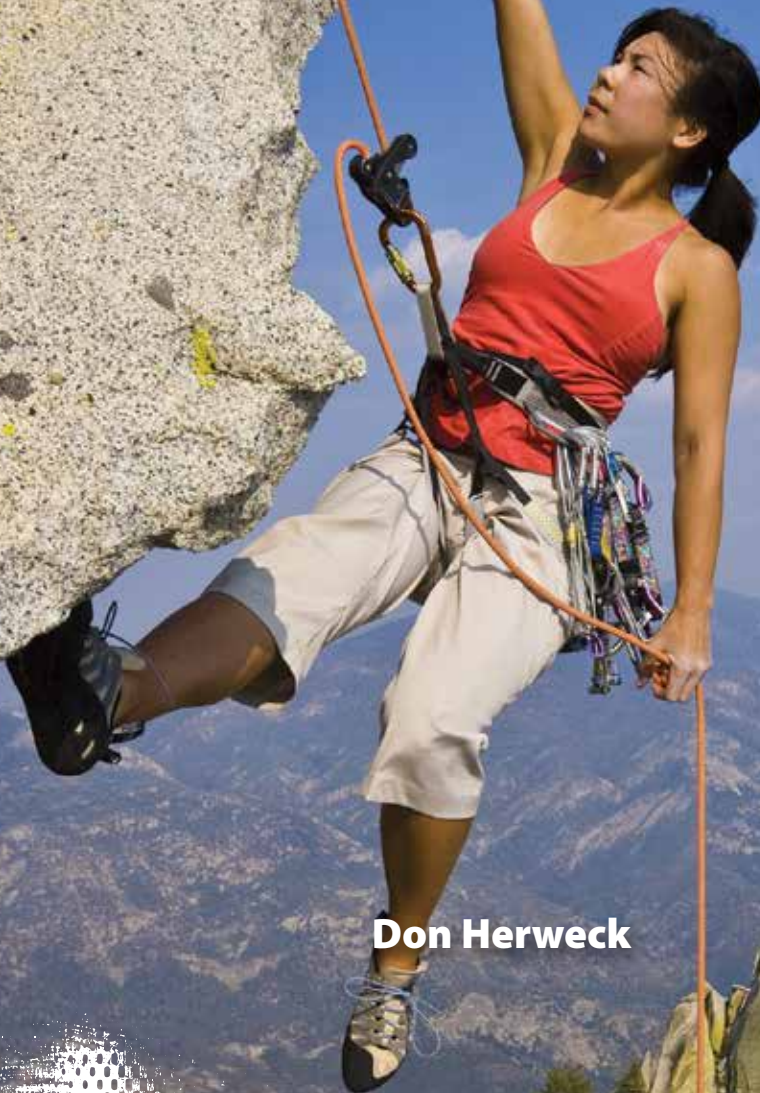


Gravity



Don Herweck

Gravity



Don Herweck

Consultant

Michelle Alfonsi
Engineer, Southern California
Aerospace Industry

Image Credits: pp.2–3 Team Sandtastic; p.8 (left) age fotostock Spain, S.L./Alamy; pp.12–13 Cultura Creative/Alamy; pp.5–7, 11, 13, 25 (illustrations) Tim Bradley; pp.18–19 Gravity Glue; backcover, pp.4–5 (background), 8 (background), 16 (left), 17 (top), 20–25 (background) iStock; pp.28–29 (illustrations) Janelle Bell-Martin; pp.17 (bottom right), 18 (bottom left) NASA; p.4 Isis Sousa; p.20 Chase Studio/Science Source; p.21 (both top) GIPhotoStock/Science Source; pp.26–27 Paul Wootton/Science Source; p.7 (top) Photo Researchers/Science Source; all other images from Shutterstock.

Library of Congress Cataloging-in-Publication Data

Herweck, Don, author.

Gravity / Don Herweck.
pages cm

Summary: "If you throw a ball, it will soar through the air and then fall with a thump to the floor—thanks to gravity! Gravity makes life possible for all of us. Without gravity we would all float into space. So next time you do—well, anything—thank gravity!"—Provided by publisher.

Audience: K to grade 3.

Includes index.

ISBN 978-1-4807-4644-2 (pbk.)

ISBN 978-1-4807-5088-3 (ebook)

1. Gravity—Juvenile literature. I. Title.

QC178.H395 2015

531.5—dc23

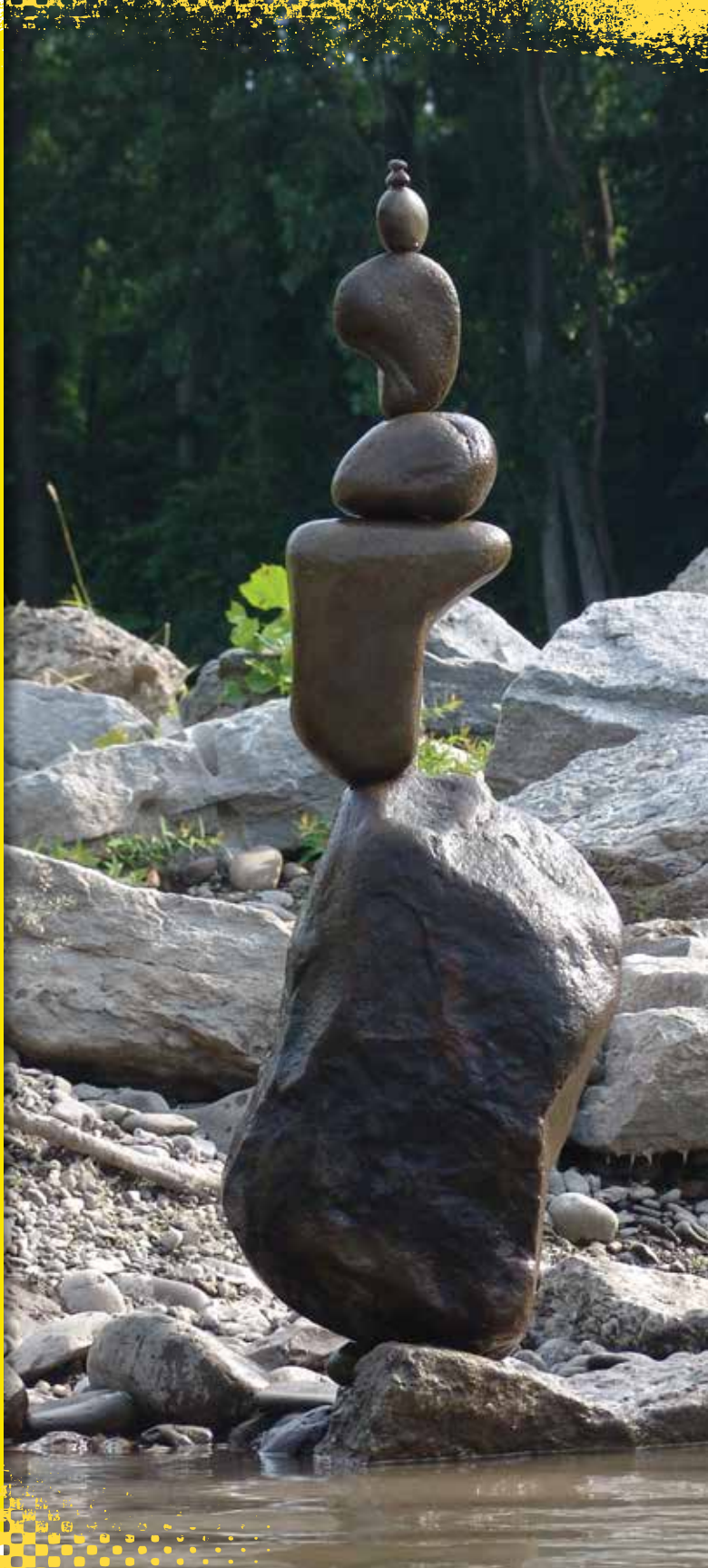
2014034268

Teacher Created Materials

5301 Oceanus Drive
Huntington Beach, CA 92649-1030
<http://www.tcmpub.com>

ISBN 978-1-4807-4644-2

© 2015 Teacher Created Materials, Inc.



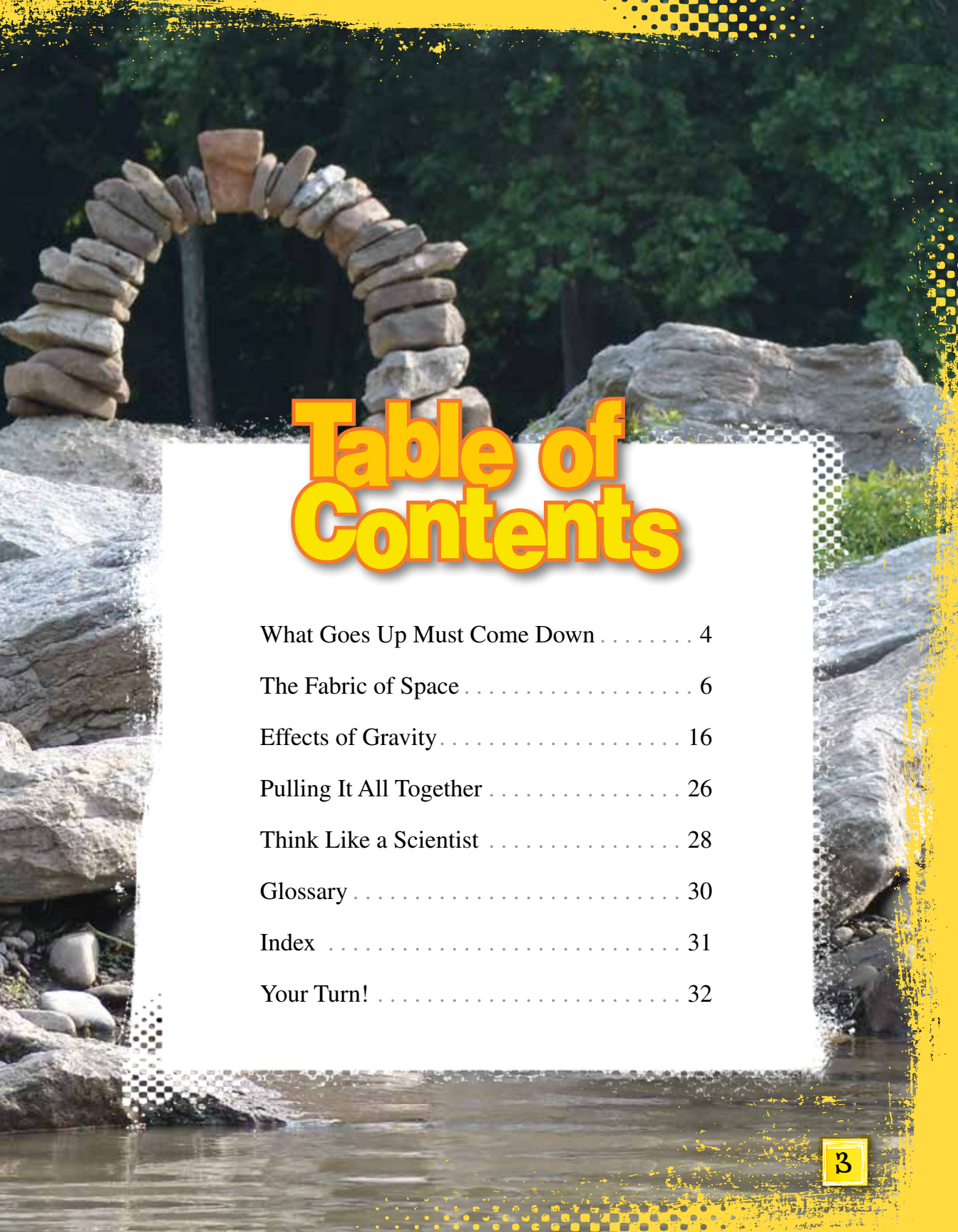
A photograph of a stone archway built over a stream, with a dense forest in the background. The arch is constructed from stacked stones, and the water flows beneath it. The scene is framed by a yellow border with a black and white checkered pattern on the right side.

Table of Contents

What Goes Up Must Come Down	4
The Fabric of Space	6
Effects of Gravity	16
Pulling It All Together	26
Think Like a Scientist	28
Glossary	30
Index	31
Your Turn!	32