

Water Takes Different Forms

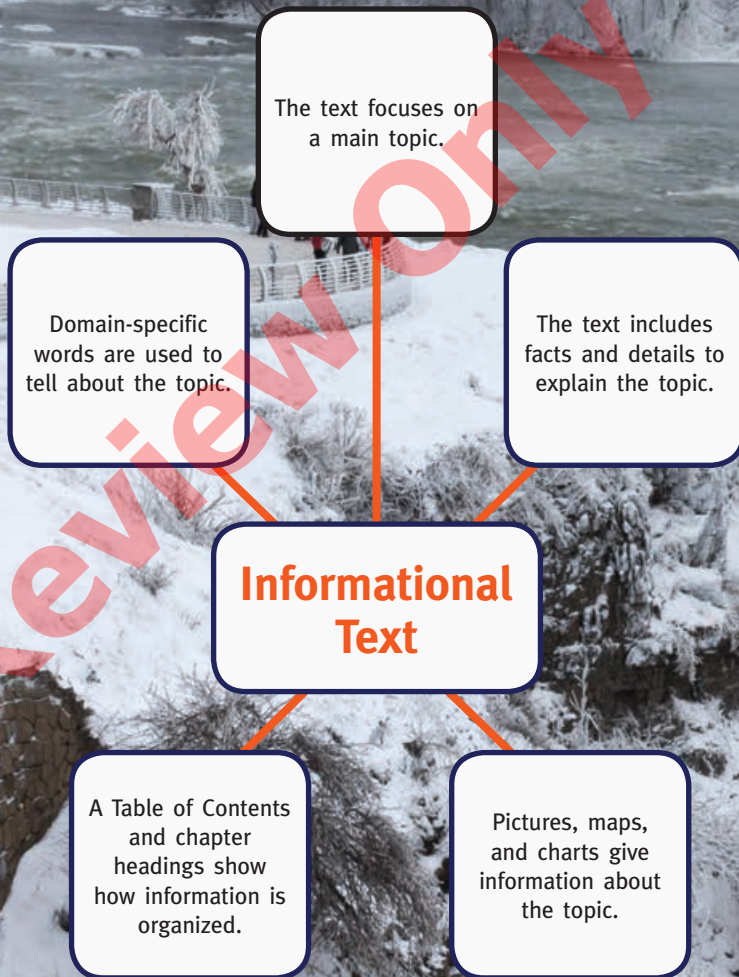
by Martina Deignan



Level **K/20**
Lexile® **550L**

Informational Text

Look for the genre features noted below as you read this book. Use the features to help you understand the text.



© Benchmark Education Company, LLC. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage or retrieval system, without permission in writing from the publisher. © Printed in Guangzhou, China. xxxxxxxxxx

LEXILE® is a trademark of MetaMetrics, Inc., and is registered in the United States and abroad.

E-books and additional digital resources available at benchmarkuniverse.com.

ISBN: 978-1-5322-5226-6

Toll-Free 1-877-236-2465
www.benchmarkeducation.com
www.benchmarkuniverse.com

BENCHMARK EDUCATION COMPANY
145 Huguenot Street • New Rochelle, NY • 10801

INTRODUCTION

Rain falls from the sky. Ice cools a glass of lemonade. Steam rises from a pot. Rain, ice, and steam are all forms of water.





Water can be in three forms. It can be a **liquid** like rain. It can be a **solid** like an ice cube. It can also be a **gas** like steam.

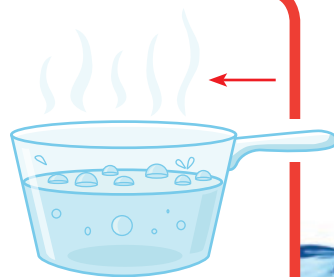
Three Forms of Water



liquid



solid



gas



- ▲ Small particles are arranged differently in each form of water.

Liquids, solids, and gases are **states**, or forms, of matter. Matter is anything that has **mass** and takes up space.

All matter is made up of small particles, or tiny pieces. Water is the only form of matter that is found in all three states on Earth.

Water Is a Liquid

Dive into a cool, sparkling swimming pool. Run through the dancing waters of a sprinkler. Splash through giant ocean waves. These are all examples of water in the liquid state.





In liquid form, water does not have a certain shape. Instead, it flows or takes the shape of the container it is in.

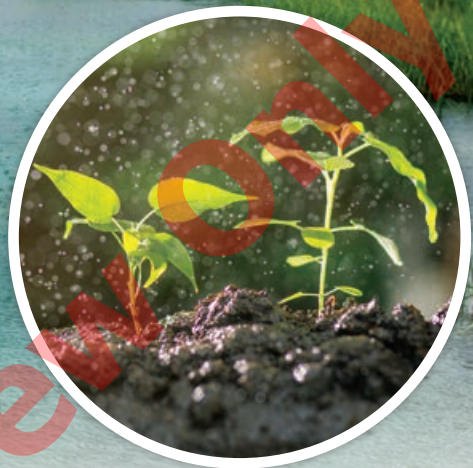
Pour the same amount of water into four different containers. The water in each container will have a different shape. But the **volume** of water will be the same in each one.

The particles in liquid water can slip and slide around one another. This causes water to flow into the shape of any container it is in. As a liquid, water keeps its mass and volume.

Water as a Liquid

- ✓ can flow into different shapes
- ✓ keeps its mass
- ✓ keeps its volume





Rain is an example of water as a liquid. Rainwater falls into oceans, lakes, and rivers. Oceans, lakes, and rivers are home to many living things, like fish.

Rain also falls on the ground, watering trees, plants, and gardens. Plants need water to grow.