

# The Unique Nature of Pure Water

## Introduction

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Why do you think water is such a unique molecule?

What is the importance of water on our planet?

What is the importance of water in our daily lives?



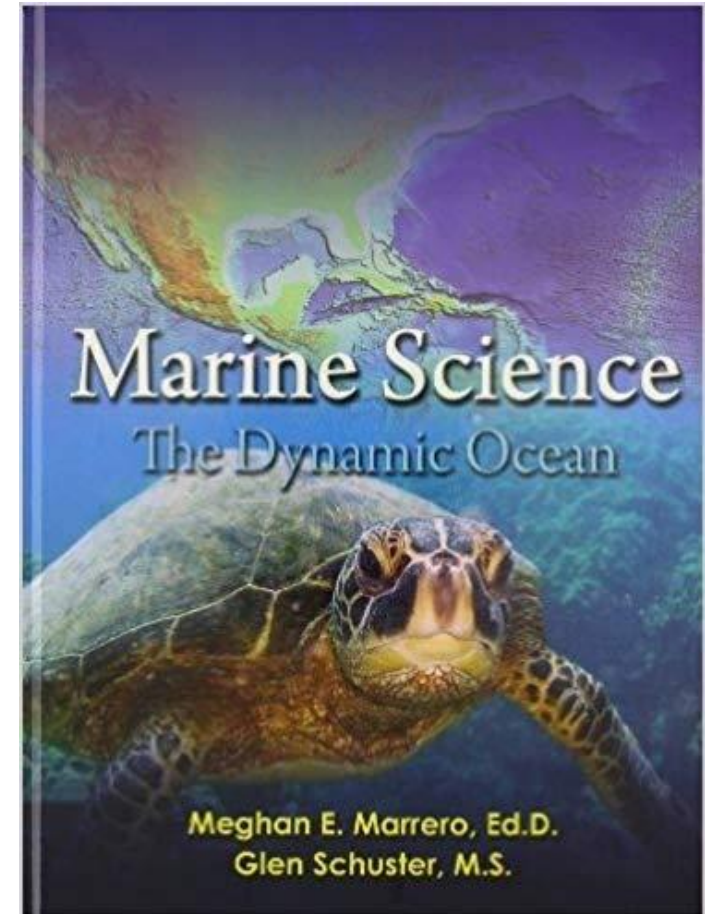
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## Guided Practice

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Read pages 20, 32 – 46 in the Marine Science: The Dynamic Ocean textbook.

Complete the Evaluate on page 47.



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## Independent Practice

1. Explain the difference between temperature and heat.
2. Explain three ways in which hydrogen bonds give water unique chemical properties.
3. Which is more dense, ocean water at the equator or ocean water at the North pole? Explain your answer.



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