

Properties of Seawater

Introduction

What are some of the different factors that affect life in marine settings?

Why don't you find the same organisms in lakes that you would find in the ocean?

Why don't you find all of the same organisms in the arctic ocean you would find frequenting the ocean around the equator?

Why don't you find the same organisms along the coast that you would find in the deep sea?



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Guided Practice

IN REVIEW:

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Independent Practice

1. Explain the depth of light in the ocean.
Does all light penetrate the ocean equally?
Why does light only penetrate this deep?
2. How does pressure and sound propagation change as you change depth in the ocean?
Why is there a change?
3. How is salinity measured in the ocean?
What are the two most common ions found dissolved in the ocean?
4. How does salinity and temperature affect density in the ocean? Which has a greater effect and why?
5. What are three ways gases may enter the ocean?

