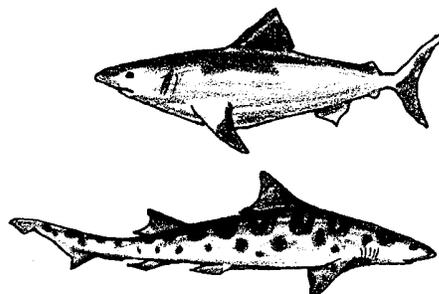


THE SEA AROUND US

FOR SEA: Investigating Marine Science - Grade 2

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Unit I: The Ocean

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- 2. Beach Treasures 55**
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- 3. No Place Like Home 61**
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- 4. It's Happening At the Beach 69**
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- 5. Salt Water..... 79**
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- 6. Icebergs 91**
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- 7. Making Waves 107**
 Students use their breath to generate waves in a container, simulating the action of wind on the surface of the ocean and make a simple tool for measuring wind speed.

Unit 2: Plankton

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Plankton are collected and observed; students then construct a dramatic version of their observations.
- 2. Tiny - But Important..... 131**
Students draw and measure several types of plankton, comparing their sizes to the length of the blue whale, a major plankton eater.

Unit 3: The Kelp Forest

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- 2. Food Chains in the Kelp Forest..... 155**
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- 3. Interdependence 169**
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- 4. Who’s For Dinner? 183**
Students assume the roles of shrimp, kelpfish, and harbor seals in this role-playing game designed to further understanding of the food chain concept.
- 5. Take a Role in the Kelp Forest 187**
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- 6. Nature’s Protection..... 195**
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- 7. Kelp in the Kitchen 203**
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- 8. A Kelp Forest in the Classroom..... 209**
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- 9. Creating Kelp Creatures..... 219**
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- 10. Visual Aid 227**
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- 1. Observing Living Fish 233**
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- 2. Heads, Tails, and Scales 243**
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- 3. Read a Fish..... 259**
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- 4. Fish In The News 267**
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- 5. Hide and Go Fish 271**
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- 6. Going Fishing 275**
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- 7. Schooling for Survival..... 281**
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- 8. Shark!..... 287**
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- 9. Fishing Boats..... 307**
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- 1. Sea Otter Style 315**
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- 2. Urchins, Kelp, and Otters..... 325**
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- 3. Who Are Those Pinnipeds? 329**
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- 4. A Seal Pup Rescue 339**
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- 5. Marine Mammals in the Garbage 345**
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- 6. Whales Are Mammals 361**
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- 7. Whale Adaptations 373**
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- 8. The Oceans As Whale Habitat..... 381**
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- 9. If Humans Lived in the Sea 397**
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- 1. Exploring the Sea Floor 401**
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- 2. Deep In the Ocean, the Pressure's On 409**
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- 3. Creatures of the Deep Sea 419**
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- 1. Zones of the Ocean Mural 427**
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