LIFE IN THE ESTUARY

FOR SEA: Investigating Marine Science - Grade 3

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Unit I: Estuaries

1.	Where Rivers Meet the Sea
2.	Waterborne
3.	Plimsoll Floats
4.	The Great Boat Float61 A take home activity in which family members shape boats from aluminum foil and test buoyancy in fresh and salt water.

- **5. Tide's In/Tide's Out......69** Students make a paper model which includes a graph of tide heights vs. time of day.

Unit 2: Plants and Crabs

- **7. Scrambled Crab**......**149** Students unscramble the mixed-up letters of crab terms, using the definitions of the terms as clues.

Unit 3: Shrimp

- **3. The Shrimp Boats Are A-Coming**......**175** Commercial shrimping provides livelihoods for many people. Students practice solving word problems, including challenge problems involving calculating averages and percents.

Unit 4: Birds

Unit 5: Food Webs

- **3. Construct an Estuary**......**277** Students review adaptations and interactions by constructing a habitat model. Stuffed-crab plans included.

Unit 6: Clams

Unit 7: Oysters

Unit 8: People and Estuaries

- **2. National Estuaries of Significance**......**413** Students create metaphors denoting the features of estuaries, and use clues, such as salt or fresh water sources, to locate reserves on a map.