Dog-Eared Publications DRAFT Correlation to the National Science Education Standards: Level K–4

Title: Discovering Marine Mammals

Page 1 of 2

Suitable for grades 3 to 6 (adaptable to other grades)

Correlation to K–4 Content Standards

+ = outstanding
✓ = adequate
❍ = marginal

		Unifying Concepts & Processes					Science As Inquiry		Physical Science			Life Science			Earth & Space Science			Science & Techno-logy			Science In Personal & Social Perspectives					History of Nature & Science			
	Page Number	Systems, Order, & Organization	Evidence, Models, & Explanation	Change, Constancy, and Measurement	Evolution & Equilibrium	Form & Function	Abilities Necessary to do Scientific Inquiry	Understandings about Scientific Inquiry	Properties of Objects & Materials	Position & Motion of Objects	Light, Heat, Electricity, and Magnetism	Characteristics of Organisms	Life Cycles of Organisms	Organisms & their Environments	Properties of Earth Material	Objects in the Sky	Changes in Earth and Sky	Abilities of Technological Design	Understandings about Science & Technology	Ability to Distinguish between Natural Objects and Human-made Objects	Personal Health	Characteristics and Changes in Populations	Types of Resources	Changes in Environments	Science & Technology in Local Challenges	Science as a Human Endeavor			
What Is a Mammal?	2	✓	✓									✓																	
Whales	3	✓	+						✓			+																	
Designed for Life in H2O	4-5		+			+						+																	
Baleen Whales - Skimmers	6		+		✓	✓						+	✓	✓					✓				✓	✓					
Baleen Whales - Swallowers	7		+		✓	✓						+	✓	✓					✓				✓	✓					
Magic Journey	8		✓											+									✓						
Toothed Whales - Biters	9					✓						✓											✓						
Dolphin or Porpoise	10		+									✓																	
How Does Sonar Help?	11		+				✓												+										
Sea Talk	12		✓									✓							✓										
Families Together	13	+										+	+						+										
Long Journeys	14											+	+	+		❍	❍		+				+	+					
Baby Whales	15												+										❍						
Bottlenose Dolphin	16											✓		✓										+					
Sea Survival	17-19		+							❍		✓		✓					✓	+			+	+					
Narwhal, Manatees...	20	✓										+																	

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Believe It or Not	21																												
Crawling - Earless Seals	22	✓	✓			✓						+																	
Walking - Eared Seals	23	✓	✓			✓						+																	
Walruses	24	✓	✓			✓						+																	
Harems	25	✓	✓										✓											❍					
Playful Sea Otters	26		+								❍	+											✓						
Otter Food Hunt	27		✓									+											✓						
Ocean Restaurant	28-29	+	+	+	+		✓					+		+		❍			+				+	+	+				
Hunting of Sea Mammals	30		❍	✓	✓													❍	+	✓			✓	+	+				