Dog-Eared Publications DRAFT Correlation to the National Science Education Standards: Level 5–8

Title: Discovering Marine Mammals

Page 1 of 2

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

Correlation to 5–8 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 & Changes of Properties in Matter	Motions & Forces	Transfer of Energy	Structure & Function in Living Systems	Reproduction & Heredity	Regulation & Behavior	Populations & Ecosystem	Diversity & Adaptations of Organisms	Structure of the Earthl	Earth's History	Earth in the Solar System	Abilities of Technological Design	Understandings about Science & Technology	Personal Health	Populations, Resources & Environments	Natural Hazards	Risks & Benefits	Science & Technology in Society	Science as a Human Endeavor	Nature of Science	History of Science
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		+	✓																									
Narwhals, 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	✓		+	+			✓					✓	❍						✓						✓			