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

Title: Discovering Sharks and Rays
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 Earth	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
Have You Ever Wondered	2-3																												
Fishy Questions	4-5											❍																	
Meet the Relatives	6-7	❍														❍													
Where is Home	8																												
Shark Tales	9																												
Shark Uses	10-11															❍													
Ocean Hunters	12-13			✓											✓								❍						
Designed for the Job	14-15	✓				+						+																	
What's for Dinner?	16												✓																
An Ocean Mobile	17-20																												
Filter Feeders	21																												
Nurseries and Hiding Places	22-23																												
Hiding In A Coral Reef	24-25																												
Pups and Purses	26-27																												
Risk Taking	28																												
Staying Alive	29-31																												

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

Title: Discovering Sharks and Rays
Page 2 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 Earth	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
Why are Sharks in Trouble?																				✓									
Safety in Shark Territory	33																												
Studying Sharks	34-35																												
Be a Shark Biologist	36																												
Chew on a Puzzle	37																												
Protection Worldwide	38-39																												
Answers	40																												