4-H Correlation Matrix

This matrix illustrates how 4-H participants can help meet various project area requirements by completing lessons and service-learning projects in *MinnAqua Leader's Guide* (for grades 3-5).

		Chapter 1: Aquatic Habitats						Chapter 2: Minnesota Fish									Chapter 3: Water Stewardship							Chapter 4: Fish Management					Chapter 5: Fishing Equipment & Skills							Chapter 6: Safety & the Fishing Trip				
	Take the Bait	1:1 Design a Habitat	1:2 Food Chain Tag	1:3 Run For Your Life Cycle	1:4 Water Habitat Site Study	1:5 Habitat Hideout	1:6 From Frozen to Fascinating	2:1 Fish Sense	2:2 Fins: Form & Function	2:3 Fish Families	2:4 Using a Key for Fish ID	2:5 Diving Into Diversity	2:6 Adapted for Habitat	2:7 Fish Tales	2:8 Fish in Winter	2:9 Fish Bowl	3:1 The Incredible Journey	3:2 Function of Aquatic Plants	3:3 Wonderful Watersheds	3:4 Would You Drink This Water?	3:5 The Lake Game	3:6 Macroinvertebrate Mayhem	3:7 Mussel Mania	4:1 Fishing Regulations & Sportsmanship	4:2 Fish Surveys	4:3 Aquatic Plant Power	4:4 Town Meeting	4:5 Fisheries Management & You	5:1 Freshwater Rods & Reels	5:2 Casting a Closed-face Rod & Reel Combo	5:3 Pop Can Casting	5:4 Tackling Your Tackle Box	5:5 Flashy Fish Catchers	5:6 Fool Fish With Flies	5:7 Making Ice Fishing Jiggle Sticks	6:1 Safety & Fishing at the Water's Edge	6:2 Ice Fishing & Winter Safety	6:3 Planning a Fishing Trip	6:4 Piscatorial Palate	6:5 Eating Fish
Angling Skills	Let's Go Fishing!																																					X		
	It's a Clinch																														X									
	Pop Can Casting																														X									
	Casting Out																													X										
Tackle Skills	Hook, Line, and Sinker																													X										
	Tackling Tackle																															X	X	X						
	Having the Right Stuff																													X		X								
Aquatic Ecology	Clean Mean Fishing Machine																															X								
	Home, Home on the Pond	X			X	X																																X		
	Fishy Baits																													X		X	X	X	X				X	
People And Fish	Kitchen Table Water Cycle																X		X	X	X																			
	Which Fish Is It?								X	X	X	X																												
	From Hook to Table																																							X
	Sharp Teeth, Sharp Spine							X	X				X																											

continued

4-H Correlation Matrix (continued)

		Chapter 1: Aquatic Habitats						Chapter 2: Minnesota Fish									Chapter 3: Water Stewardship							Chapter 4: Fish Management					Chapter 5: Fishing Equipment & Skills							Chapter 6: Safety & the Fishing Trip				
	Reel In the Fun	1:1 Design a Habitat	1:2 Food Chain Tag	1:3 Run For Your Life Cycle	1:4 Water Habitat Site Study	1:5 Habitat Hideout	1:6 From Frozen to Fascinating	2:1 Fish Sense	2:2 Fins: Form & Function	2:3 Fish Families	2:4 Using a Key for Fish ID	2:5 Diving Into Diversity	2:6 Adapted for Habitat	2:7 Fish Tales	2:8 Fish in Winter	2:9 Fish Bowl	3:1 The Incredible Journey	3:2 Function of Aquatic Plants	3:3 Wonderful Watersheds	3:4 Would You Drink This Water?	3:5 The Lake Game	3:6 Macroinvertebrate Mayhem	3:7 Mussel Mania	4:1 Fishing Regulations & Sportsmanship	4:2 Fish Surveys	4:3 Aquatic Plant Power	4:4 Town Meeting	4:5 Fisheries Management & You	5:1 Freshwater Rods & Reels	5:2 Casting a Closed-face Rod & Reel Combo	5:3 Pop Can Casting	5:4 Tackling Your Tacklebox	5:5 Flashy Fish Catchers	5:6 Fool Fish With Flies	5:7 Making Ice Fishing Jiggle Sticks	6:1 Safety & Fishing at the Water's Edge	6:2 Ice Fishing & Winter Safety	6:3 Planning a Fishing Trip	6:4 Piscatorial Palate	6:5 Eating Fish
Angling Skills	Fishing on Line																		X											X											
	A Different Spin																												X											
	Turning the Crank																												X											
	Flying Far																												X					X						
	"Knot" Too Hard																														X									
People And Fish Tackle Craft	A Fine Kettle of Fish																																							X
	Clean Up the Litterbug																							X				X												
	Fishing by the Rules																							X																
Tackle Craft	Flashy and Fun																																X							
	Making a Fly Wallet																																	X						
	The Wooly Bugger																																	X						
Aquatic Ecology	Trapped in a Bottle				X		X																																	
	What's in the Water?				X		X																																	
	Fishy Smells Something							X	X				X																											
	A Fish by Design							X	X	X	X	X	X	X																										

continued

4-H Correlation Matrix (continued)

		Chapter 1: Aquatic Habitats						Chapter 2: Minnesota Fish									Chapter 3: Water Stewardship							Chapter 4: Fish Management					Chapter 5: Fishing Equipment & Skills							Chapter 6: Safety & the Fishing Trip				
	Casting Into the Future	1:1 Design a Habitat	1:2 Food Chain Tag	1:3 Run For Your Life Cycle	1:4 Water Habitat Site Study	1:5 Habitat Hideout	1:6 From Frozen to Fascinating	2:1 Fish Sense	2:2 Fins: Form & Function	2:3 Fish Families	2:4 Using a Key for Fish ID	2:5 Diving Into Diversity	2:6 Adapted for Habitat	2:7 Fish Tales	2:8 Fish in Winter	2:9 Fish Bowl	3:1 The Incredible Journey	3:2 Function of Aquatic Plants	3:3 Wonderful Watersheds	3:4 Would You Drink This Water?	3:5 The Lake Game	3:6 Macroinvertebrate Mayhem	3:7 Mussel Mania	4:1 Fishing Regulations & Sportsmanship	4:2 Fish Surveys	4:3 Aquatic Plant Power	4:4 Town Meeting	4:5 Fisheries Management & You	5:1 Freshwater Rods & Reels	5:2 Casting a Closed-face Rod & Reel Combo	5:3 Pop Can Casting	5:4 Tackling Your Tacklebox	5:5 Flashy Fish Catchers	5:6 Fool Fish With Flies	5:7 Making Ice Fishing Jiggle Sticks	6:1 Safety & Fishing at the Water's Edge	6:2 Ice Fishing & Winter Safety	6:3 Planning a Fishing Trip	6:4 Piscatorial Palate	6:5 Eating Fish
Angling Skills	Sharing the Adventure													X		X																								
	A Reel Mess!																													X										
	Designing a Skillathon Station															X																								
Tackle Skills	Beads, Dog Hair and Feathers																																X	X						
	Making a Point																															X				X	X			
	Customizing Plugs																																X							
	Trash to Treasures																												X			X	X	X						
Aquatic Ecology	Water, Water Everywhere																X		X	X	X																			
	Collecting Aquatic Insects				X		X																																	
	What's Bugging You?																																	X						
People And Fish	Fishing Dilemmas																				X			X			X	X												
	Cast into the Future																											X												
	Keeping a Field Journal																																							
	Investigating Sportfishing Issues																							X	X		X	X												
	Playing Know Your Fish									X	X	X				X								X																

continued

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4-H Correlation Matrix (continued)

		Chapter 1: Aquatic Habitats						Chapter 2: Minnesota Fish									Chapter 3: Water Stewardship							Chapter 4: Fish Management					Chapter 5: Fishing Equipment & Skills							Chapter 6: Safety & the Fishing Trip				
	Sportfishing Helper's Guide	1:1 Design a Habitat	1:2 Food Chain Tag	1:3 Run For Your Life Cycle	1:4 Water Habitat Site Study	1:5 Habitat Hideout	1:6 From Frozen to Fascinating	2:1 Fish Sense	2:2 Fins: Form & Function	2:3 Fish Families	2:4 Using a Key for Fish ID	2:5 Diving Into Diversity	2:6 Adapted for Habitat	2:7 Fish Tales	2:8 Fish in Winter	2:9 Fish Bowl	3:1 The Incredible Journey	3:2 Function of Aquatic Plants	3:3 Wonderful Watersheds	3:4 Would You Drink This Water?	3:5 The Lake Game	3:6 Macroinvertebrate Mayhem	3:7 Mussel Mania	4:1 Fishing Regulations & Sportsmanship	4:2 Fish Surveys	4:3 Aquatic Plant Power	4:4 Town Meeting	4:5 Fisheries Management & You	5:1 Freshwater Rods & Reels	5:2 Casting a Closed-face Rod & Reel Combo	5:3 Pop Can Casting	5:4 Tackling Your Tacklebox	5:5 Flashy Fish Catchers	5:6 Fool Fish With Flies	5:7 Making Ice Fishing Jiggle Sticks	6:1 Safety & Fishing at the Water's Edge	6:2 Ice Fishing & Winter Safety	6:3 Planning a Fishing Trip	6:4 Piscatorial Palate	6:5 Eating Fish
Planning For Success	Steps to a Successful 4-H Sportfishing Program																																								
	Evaluating Your 4-H Sportfishing Program																																								
	Ages And Stages of Youth Development																																								
	Teaching and Learning Experientially																																								
	Devleoping Skills For a Lifetime																																								
Developing Sportfishing Skills	Fish-Match Mixer																																								
	Let's Make Plans																																			X	X	X		
	Making Fish Prints							X																																	
	Powder Painting Jigs																																X								
	Making Worms																																X								
	From Arbor to Albright Special																													X	X										
Fishing For Fun	Go Fish!																								X			X													
	Building a Watershed																X		X																						
	Planning a Fishing Trip																																					X			
	Boating Safety																																								
Playing Sportfishing Games	Fishing A to Z																												X	X	X	X	X	X	X						
	Playing PERCH Bingo															X																		X							
	Conducting a Sportfishing Quiz Bowl															X																									
	Sportfishing Skillathon Excitement																												X	X	X	X	X	X	X			X			
	Fun with Sportfishing Pyramid															X																									

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