

Chapter 1: Aquatic Habitats

See specific lessons for types and numbers of materials noted with an X.

	I:1—Design a Habitat	I:2—Food Chain Tag	I:3—Run For Your Life Cycle	I:4—Water Habitat Site Study	I:5—Habitat Hideout	I:6—From Frozen to Fascinating
Basic Fishing Equipment						
Bucket			2, ice cream-size	2		Clear gallon containers, 1 per group
First aid kit				X		
Insect repellent				X		
Pop can casters					X	
Sun protection				Sunscreen		
Ice Fishing Equipment						
Hand auger						X or chisel
Craft Supplies						
Construction paper	X	X or cardstock				
Craft items	Pipe cleaners, feathers, felt, glitter, construction paper, modeling clay, and any other art materials you have available				Self-stick velcro or magnets	
Glue	X	X			X	
Markers/crayons	X and whiteboard markers	Optional, permanent			X	
Newspapers/table covering				Tarps to sit on		
Paint	X (blue)					
Paintbrushes	X					
Paint trays	X					
Paper	Journal		Cardstock	X	Cardstock and regular paper, roll of butcher paper or newsprint	
String		Optional	Optional			
Hardware						
Dowels					3' dowels optional for fishing poles	
Nets				Dip nets		
Rake				X		
Rope		50-100'	500' and four 16' pieces			
Shovel				X		

Chapter 1: Aquatic Habitats

	I:1—Design a Habitat	I:2—Food Chain Tag	I:3—Run For Your Life Cycle	I:4—Water Habitat Site Study	I:5—Habitat Hideout	I:6—From Frozen to Fascinating
Office Supplies						
Box	1 shoebox per student, or use box template		2 shoeboxes			
Clipboards	X			X	X	X
Lamination		X	X		X or top-opening clip-on name badges	
Rubber bands						
Scissors	X	X			X	
Stapler	X					
Tape	Clear	Masking			Double sided	
Whiteboard	X					
Natural Materials						
Aquatic material						Bottom sediment
Plant material	Wooden sticks or twigs					
Rocks	Small					
Sand	Dry					
Water				Drinking water	Distilled, well, or tap water or melted snow	
Household Supplies						
Blue plastic wrap	X					
Clothes pins		X			X	
Clothing				Waterproof shoes, rubber boots, or waders		
Cups		1 per student plastic		Plastic		1 per group paper
Glass jars				Optional		
Hat						
Lamp						Fluorescent grow lights (optional)
Large eyeglass frames						
Nylon knee-high stockings						X or mosquito netting, 1 per group
Pans				3 or more white trays with sides		1 white tray with sides per group
Paper plates		Optional				
Paper towels/rags				X		

Chapter 1: Aquatic Habitats

	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
Household Supplies (continued)						
Plastic bags		Optional				
Spoons				X		
Books, Multimedia, Copy Sheets, Photos, etc.						
8.5" x 11" images					Minnesota fish	
Copy sheets (provided in lesson)	Field Trip to a Pond Narrative, 1 copy; Fish Illustrations for Dioramas; Template for a Diorama Box, optional	Aquatic Food Chain Sheet; Aquatic Food Chain Cards; Food Chain Identification Tags	Northern Pike Life Cycle Sheet and Northern Pike Migration Sheet, for projection or to hand out; Northern Pike Life Cycle Cards; Kingfisher Name Tags; Playing Field Diagram, optional	Aquatic Insect Life Cycle Sheet and Water Habitat Site Study Check-off Sheet, 1 per student; Water Habitat Site Study Identification Sheets and Keys, 1 per group; Water Habitat Bingo Sheet (K-2 Option), 1 per student	Lake Habitat Sheet, River or Stream Habitat Sheet, and Fish Habitat Chart, 1 per student; Habitat Hideout Fish Identification Cards	Guide to What to Expect in the Mini-ponds, 1 per 2 students; Predictions and Summary Sheet, 1 per student; From Frozen to Fascinating Data Sheet, 12 per student
Internet access	X					X
Minnesota fish books	X			X, various pond life field guides		X pond books
Multimedia	Pond sounds recording			Camera and video on pond life, optional		
Water Habitat Site Study ID Sheets and Keys				X		
Miscellaneous Supplies						
Hula-hoops		2 or more			3	
Poker chips		500	100			
Noise maker		X	X	X		
Traffic cones		Several, optional	6			
Scientific Tools						
Dechlorinator						X
Disposable pipette						1 per group
Globe						X
Magnifying lenses				X		1 per group
Microscope						X
Thermometer						1 per group
Tweezers				X		

Chapter 2: Minnesota Fish

See specific lessons for types and numbers of materials noted with an X.

	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
Basic Fishing Equipment									
Bucket	One 5-gallon								
Pony spools						X			
Craft Supplies									
Confetti						X			
Construction paper						X			
Craft items					Assorted buttons and keys	X			
Fabric paint	X								
Glue			X			X			
Hot glue gun		1 per group							
Markers/crayons		White-board markers		X		X, and colored pencils		X	White-board markers
Newspapers/table covering	X					X			
Paint	X tempera					X			
Paintbrushes	X					X			
Paint trays	X					X			
Paper	X	Note-book		X		Drawing paper and butcher paper	Note-book and unlined art paper	8.5" x 11" paper and graph paper	
String		6', 1 per group				12" lengths of elastic string			
Hardware									
Milk crate or sturdy box						X			
Nets		Small fish net							
Office Supplies									
Clipboards			X						
Lamination			X						
Note cards									10 per group
Pencils		X	X	X		X	X		X
Rubber bands									
Scissors		X	X			X			
Office Supplies (continued)									

Chapter 2: Minnesota Fish

	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
Stapler						X			
Tape		Duct tape 1 per group		1 roll masking		X			X
Whiteboard		X						X	X
Natural Materials									
Plant material					Assortment of leaves		Talking stick		
Real fish	15-30 dead; live goldfish in bowl or aquarium, optional	Aquarium with fish							
Rocks		X							
Sand		X							
Water		Pool, tub, small pond, optional							
Household Supplies									
Backpack						2			
Bowl						Small			
Clothes line	X								
Clothes pins	X								
Clothing	T-shirts					Colorful, striped shirt & drab shirt			
Common objects of various shapes		X							
Earmuffs						Attach paper eyes			
Flashlight							X		
Food	Fish food, optional								
Glass jars		6-8 oz., 1 per group							
Hat						Large	Large		
Lamp							X		
Household Supplies (continued)									

Chapter 2: Minnesota Fish

	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
Large eyeglass frames						Lenses popped out			
Paper plates	1 per fish							200 6" Plates	
Paper towels/rags	X								
Plastic bags									
Plastic bottles with caps		1 round with cap per student; one flat-sided per student							
Vegetable scrubber	X								
Books, Multimedia, Copy Sheets, Photos, etc.									
8.5" x 11" images	Fish Anatomy illustration	Minnesota fish illustrations	Minnesota fish optional		Minnesota fish, optional				
Books, Multimedia, Copy Sheets, Photos, etc. (continued)									
Copy sheets (provided in lesson)	Fish Senses Sheets	Fish Fins Sheet; Fins: Form and Function sheet, 1 per student; Fins: Form and Function Answer Sheet	Fish Family Cards; Fish Characteristics Sheet, and Fish Families Sheet, 1 per group; Fish Families Answer Sheet	Dichotomous Key Warm-up Sheet; Definitions of the Parts of a Fish Sheet; Caudal Fin Shapes Sheet; Mouth Positions Sheet; Minnesota Fishes Dichotomous Key; Fish Identification Cards; Fish Identification Cards Answer Sheet	Fish Classification Part 1 Sheet; Fish Classification Part 2 Sheet; Fish Identification Cards, 1 per group	Fish ID Cards from Lesson 2:5-Diving into Diversity; Fish Adaptations and Advantages Sheet; Future Fish of the Year 4000 Sheet, 1 per student; Fish Adaptation Sheet, 1 per group	Tall Tales Research Sheet, 3 per group; Reviewing a Tall Tale Sheet 2 per student	Playing Area Diagram, optional	Sample Question Cards
Internet access							X		

Chapter 2: Minnesota Fish

	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
Books, Multimedia, Copy Sheets, Photos, etc. (continued)									
Minnesota fish books				Variety of fish ID books and keys, and one book of anything					
Multimedia		Video: <i>Bigmouth</i> or <i>Bigmouth Forever</i>							
Pictures		Illustrations of animal and plant parts	Various fish pictures from magazines						
Miscellaneous Supplies									
Bean bags						3			
Coin									X
Rubber fish	Optional								
Noise maker								X	X
Scientific Tools									
Funnels						Paper or plastic: 2			

Chapter 3: Stewardship

See specific lessons for types and numbers of materials noted with an X.

	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
Basic Fishing Equipment							
Bait					Rubber worms		
Bucket		X	X or sink access	One-gallon	Two buckets		
Maps					Of local lake and surrounding area		
Craft Supplies							
Craft items	Art foam, non-toxic ink pads						
Felt			1 Light colored square per group				
Glue	X	X					
Hot glue gun	X						
Markers/crayons	X	X or colored pencils		Permanent		Whiteboard or regular markers	
Newspapers/table covering			X				
Paint			X water color				
Paintbrushes			X				
Paper	Notebook or paper for each student	11" x 17" poster board or larger & colored paper	Notebook		Crumpled paper; candy wrappers, toilet paper, napkins	Chart paper per graph paper	100 + tightly crumpled paper balls
Hardware							
Dowels					One 3/4" diameter dowel with string attached and paper clip hook or magnet		
Liquid fertilizer		X					
Rope							50-100'
Spray bottle			At least 6				
Wood blocks	2" square						

Chapter 3: Stewardship

	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
Office Supplies							
Box	9 6" Cardboard cubes		Plastic, foil roasting pans, or cardboard with plastic lining 1 per student		Clear plastic box		
Clipboards	X	X					
Lamination					Contact paper		
Note cards					X		
Pencils	X	X	X	X		X	
Scissors		X	X		X		
Tape	X	X					X
Whiteboard						X	
Natural Materials							
Aquatic material		Aquatic plants, pond/lake/stream water, submerged pond plant, and algae				Aquatic insects	
Plant material			Leaves, grass clippings 1 tbs.				
Rocks			Various sizes, small enough to fit multiples in a shoe box				
Sand			1 tbs.		Or dirt		
Household Supplies							
Cups		Plastic & paper		Paper or plastic, dixie cup size & 1 clear 2-c measuring cup	One clear plastic cup		
Foil			Aluminum, 3' sheets, 1 per group				
Household Supplies (continued)							

Chapter 3: Stewardship

	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
Food		Fresh celery with leaves, salt	1 Tbsp. vegetable oil; 1 Tbsp. sugar; 3 different brightly-colored powdered drink mixes and cocoa or iced tea powder, 1 Tbsp. each	Salt, ice tea & coffee creamer, onion extract	Molasses		
Food coloring			X	Green	Red and green		
Glass jars		X					
Paper towels/rags			X		Rags		
Pillow cases/burlap sacks						X	
Plastic bags			Small				
Plastic bottles with caps				6, small sized			
Small toys			X				
Sponge			Cellulose, light colored, cut into 1 per 2 inch thick strips				
Spoons				Plastic spoons for mixing			
Books, Multimedia, Copy Sheets, Photos, etc.							
8.5" x 11" images	Water Cycle	Emergent, submerged, and floating-leaf plants					
Copy sheets (provided in lesson)	Water Cycle Table; Incredible Journey Labels for Dice; Incredible Journey Station Sign; Pattern for a Cube	Nutrient Soup Report Sheet, 1 per student	Watershed Model Sheet	Would You Drink This Water? Data Sheet and Would You Drink This Water? Question Sheet, 1 per group	Roleplaying Cards; Discussion Cards	Macroinvertebrate Pollution Tolerance Level Chart; Macroinvertebrate Identification Tags; Macroinvertebrate Mayhem Data Table	"Zebra Mussels Crash on Mississippi River" Sheet; Plankton Sheet, 1 per student; Mussel Mania Playing Field Set-up (optional)

Chapter 3: Stewardship

	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
Handouts							Zebra Mussel ID Cards
Minnesota fish books						Fish and aquatic insect field guides	Field guide to fresh water mussels
Books, Multimedia, Copy Sheets, Photos, etc. (continued)							
Multimedia		CD programs: <i>Restore your Shore</i> or <i>Save our Shorelines</i>					
Pictures		Wildlife & plant pictures			Loon and other wildlife		
Poster							Mussels of Minnesota
Miscellaneous Supplies							
Blindfolds				2 per group			
hula-hoops							2
Shaker					X		
Small fish					10 assorted small fish, as place holders		
Noise maker	X						
Sponge fish					At least 3 different colored fish silhouettes		
Scientific Tools							
Disposable pipette				X			
Globe				X			
Mounts/replicas							Legally collected mussel shell
Prism							
Secchi disk					X		

Chapter 4: Fish Management

See specific lessons for types and numbers of materials noted with an X.

	4:1—Fishing Regulations & Sportsmanship	4:2—Fish Surveys	4:3—Aquatic Plant Power	4:4—Town Meeting	4:5—Fisheries Management & You
Basic Fishing Equipment					
Bucket			One-gallon buckets, 1 per group, clear plastic container about shoebox size		
Current fish regs.	X	X			
Ruler					12-inch, 1 per group
Craft Supplies					
Craft items			1/2-cup glass beads or ball bearings per group		
Markers/crayons				Whiteboard markers; crayons, 1 box per group	
Paper		4" wide post-it notes, 1 package per 2 students	Graph paper	Butcher paper: 1 sheet per group & blank paper	
Hardware					
Nets		Small aquarium nets			
Office Supplies					
Box		Fish aquarium colored blue			
Pencils			X	X	
Whiteboard				X	
Natural Materials					
Plant material			4-6 leafy houseplants that cover the small pans		
Rocks			1/2-gallon large gravel mixture, 1 per group		
Sand			1 cup silt, mud, or very fine sand per group		
Water			2 gallons cool tap water		
Household Supplies					
Bowl		Fish bowl & plastic container 1 for every 2 students			
Calculator		1 per 2 students			
Cups			2 cups per group		
Food		300 beans per 2 students, white and brown; 1 large box of fish crackers			

Chapter 4: Fish Management

	4:1—Fishing Regulations & Sportsmanship	4:2—Fish Surveys	4:3—Aquatic Plant Power	4:4—Town Meeting	4:5—Fisheries Management & You
Household Supplies (continued)					
Hat		Baseball cap			
Lamp			2 with bulbs of same wattage		
Pans			2 8" x 8" dark pans		
Paper towels/rags			X		
Plastic bags		Sandwich size, 1 per 2 students			
Spoons			Large spoon		
Books, Multimedia, Copy Sheets, Photos, etc.					
8.5" x 11" images		Walleye			
Copy sheets (provided in lesson)	Sample Scavenger Hunt Questions; Angler Situation Cards 1 per group; Fishing Regulations Patrol Cards, 1 per student	Fish Survey Gear Cards; Lake MinnAqua Scenario and Tagging Survey Scenario; Fisheries Biologist Survey Training Sheet, and Lake Survey Data Sheet, 1 per student	The Next Generation Sheet; Be Cool Sheet, 1 per student	Concerned Citizen Group Roles Sheet; Concerned Citizen Group Duties Sheet, 1 per group; Lakeshore Property Sale Map	Fisheries Management & You Gameboard; Roleplaying Cards; Size Limit Fish Cutouts; Weigh Your Fish with a Ruler Chart, 1 per group
Minnesota fish books		<i>One Fish, Two Fish, Red Fish, Blue Fish</i> by Dr. Seuss			
Miscellaneous Supplies					
Die/dice					1 die per game
Place holders					6 per game
Scientific Tools					
Mounts/replicas		1 walleye mount			
Thermometer			2		

Chapter 5: Fishing Equipment & Skills

See specific lessons for types and numbers of materials noted with an X.

	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
Basic Fishing Equipment							
35 mm film canister				X			
Adult helper	2 or more adult helpers or presenters with fishing and equipment experience	Ratio of 1:5	Ratio of 1:5				Ratio of 1:5
Bait casting rod and reel	X						
Bobbers		X	1 per student	1-inch round, one spring, one slip			X
Bucket							X
Casting plugs	6	1 per group	1 per student	X			
Casting targets	6	X					
Closed-face rod and reel	3	1 per student					X
Current fish regs.				X			
Fingernail clipper			5 or 6	X			X
First aid kit				X			X
Fish stringer				X			
Fishing license				Sample			
Fishing pole	X						
Fly rod and reel and reel	X						X
Hook sharpener				X			
Hooks		X	1 per student	Sizes 10, 8, 6, 2, and 1, 1 per student			X
Insect repellent				X			
Knot-tying rope		X	X				X
Maps				X			
Needlenosed pliers			5 or 6	X			X
Open-face rod and reel	3						
Personal flotation device							Throwable PFD
Pony spools			1 per student	X			X
Pop can casters	X						
Ruler				X			X
Split shot sinkers		X	1 per student	X			X

Chapter 5: Fishing Equipment & Skills

	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
Basic Fishing Equipment (continued)							
Sun protection				Sunscreen, sunglasses, hat			
Tackle				Jig, plastic worm, straight-line spinner, spinnerbait, crankbait, surface lure, spoon: one of each type, collect various sizes; snap swivel, leader	variety of lures in different shapes, styles, and colors	Examples of flies especially dry flies and nymphs	Small tackle box with lures
Basic Ice Fishing Equipment							
Clip-on depth finder							X
Hand auger							X
Ice rescue claws							X
Ice scoop							X
Jiggle stick	X						Variety of types: jiggle stick, jigging rod, spinning combo, tip-up, rattle reel, etc.
Sled							X
Wool blanket							X
Craft Supplies							
Construction paper			X				
Craft items					Pipe cleaners, wiggly eyes, fabric scraps, sequins, self-adhesive mylar, feathers, fabric scraps		
Glue					Tacky glue, quick-drying		
Hot glue gun							
Newspapers/table covering							
Paint							

Chapter 5: Fishing Equipment & Skills

	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
Craft Supplies (continued)							
Paper	Journal paper						
Hardware							
Dowels					1/2" diameter, cut into 3" lengths, 1 per student		3/4" diameter, 18" lengths
Square bend screws							X
Eye screws			K-2 option		1 per student		X
Office Supplies							
Box				Tackle box			
Pencils	X	X					
Rubber bands							X
Scissors			X		X		X
Tape			Masking, 3-4 rolls				
Household Supplies							
Empty pop cans			X				
Flashlight					X		
Glass jars					2, one with clear water, one with turbid water		
Lamp					X		
Plastic bags				Small plastic trash bag			
Books, Multimedia, Copy Sheets, Photos, etc.							
8.5" x 11" images							
Copy sheets (provided in lesson)	Freshwater Rods and Reels Sheet; Freshwater Rods and Reels Crossword Sheet; Fishing Rig Fill-in-the-Blank Sheet, 1 per student	Parts of a Closed-face Rod and Reel Combo Sheet; Tying an Improved Clinch Knot Sheet; The Perfect Rigging Sheet; Fishing Rod and Reel Maintenance, 1 per student	Pop Can Rigging Sheet; To Cast Your Line; Tying an Improved Clinch Knot Sheet, 1 per group	Tackling Tackle Cards and Tackling Tackle Checklist, 1 per 3 students; Tackling Your Tackle Box Price List, 2 per 3 students; Fish Information Cards and Fish Tackle Cards, 1 per group	Lure Types Reference Sheet; Underwater Light Quality Sheet, 1 per student or for projecting	Parts of an Insect Sheet, Aquatic Insect Life Cycles Sheet, and Fly Types Sheet, 1 per student; Go Fly Fish Cards	Making and Rigging a Jiggle Stick Sheet, Tying an Improved Clinch Knot Sheet, and Setting Bobber Depth Sheet, 1 per group; Basic Ice Fishing Equipment Cards
Handouts				Knot-tying cards			

Chapter 5: Fishing Equipment & Skills

	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
Books, Multimedia, Copy Sheets, Photos, etc. (continued)							
Minnesota fish books					Books on fish and fishing		
Pictures				Mail-order catalog for fishing equipment	Underwater photos		
Miscellaneous Supplies							
Hula-hoops	6	1 per group	4 to 6				X
Noise maker				Whistle			
Play money				Optional			
Scientific Tools							
Prism					X		

Chapter 6: Safety & the Fishing Trip

See specific lessons for types and numbers of materials noted with an X.

	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
Basic Fishing Equipment					
Adult helper	Ratio of 1:5	Ratio of 1:5		Should have a ratio of 1:5 adults: children while fishing	
Bait	X	Wax worms, minnows, or eurolarva		Whole kernel corn, strawberries or other fruit, cheese or cheese spread, gummy candy products, hot dogs, bacon, marshmallows, potatoes, angleworms or night crawlers; scented bait—optional	
Bobbers	X				
Bucket		X			
Closed-face rod and reel	One per student				
Current fish regs.	X	X	X		
Fillet knife				X	X
Fingernail clipper	X	X			
First aid kit	X & cell phone	X & cell phone			
Fish stringer	X				
Fishing license	If over 16 years old	X			
Hooks	X	X			
Insect repellent	X				
Maps	X				
Needlenosed pliers	X	X			
Personal flotation device	Throwable and wearable	Throwable			
Ruler		X			
Split shot sinkers	X	X			
Sun protection	Sunscreen, sunglasses, hat				
Tackle		Basic ice fishing tackle			
Basic Ice Fishing Equipment					
Clip-on depth finder		X			
Ice hole mock-up		X			
Hand auger		X and power auger			

Chapter 6: Safety & the Fishing Trip

	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
Basic Ice Fishing Equipment (continued)					
Ice rescue claws		X			
Ice scoop		X			
Jiggle stick		X			
Sled		X			
Wool blanket		X			
Craft Supplies					
Construction paper			X		
Glue			X		
Markers/crayons			X		Permanent
Newspapers/table covering					X
Paint			X		
Paintbrushes			X		
Paint trays			X		
Paper			Poster board		
Office Supplies					
Clipboards	X	X		X	
Pencils	X	X		X	
Scissors			X		
Self-stick labels					Name tag
Natural Materials					
Real fish					For filleting & eating
Water	Drinking water				
Household Supplies					
Clothing	Long sleeves, long pants, jacket, sturdy shoes	Rubber-soled insulated boots, wool socks, snow pants, winter coat, long underwear, turtle neck, wool sweater, mittens, thin gloves, scarf muffler or neck gaiter, stocking cap			Fabric butcher gloves or filleting gloves
Cups	X	For hot chocolate			
Cutting board					X
Earmuffs		X			
Foil					X and waxed paper

Chapter 6: Safety & the Fishing Trip

	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
Household Supplies (continued)					
Food		Hot cocoa			Large bag of popcorn, 2 eggs, 1 c. bread or cracker crumbs, 1/2 c. butter or margarine, crackers
Pans					Cooking pans
Paper towels/rags					X
Plastic bags		Trash bags		Zip-locking style sandwich bags	6 1-gallon sized zip-locking & garbage bags
Books, Multimedia, Copy Sheets, Photos, etc.					
8.5" x 11" images					Fish anatomy
Copy sheets (provided in lesson)	Don't Get Hooked Sheet; MinnAqua Program Water's Edge Safety Overview; The Perfect Rigging Sheet, 1 per group; Safety and Site Evaluation Form; Safe Angler Certificate and Factoring in SPF Sheet, 1 per student; Factoring in SPF Answer Sheet	Dressing for Ice Fishing Word Finder Sheet, Ice Safety Sheet and Setting Bobber Depth Sheet, 1 per student	Planning a Fishing Trip Poster Guide, 1 for 3 students	Piscatorial Palate Question Sheet, 1 per student; Piscatorial Palate Data Sheet, 1 per group	Safe Eating Guidelines Sheet and Basic Filleting Sheet, 1 per student; Fish Consumption Report for Sleepy Eye Lake and Fish Recipes Sheet, 1 per student or group
Internet access			X and a printer		X
Multimedia		<i>Danger, Thin Ice</i> Video, camera and underwater camera			
Miscellaneous Supplies					
Noise maker	Whistle	Whistle			