Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
Investigate and interpret diversity among species and within species, and describe how diversity contributes to species survival	• observe variation in living things, and describe examples of variation among species and within species (e.g., observe and describe characteristics that distinguish two closely related species)	15 Grasshopper Gravity! (m) 82 Wild WordsA Journal-Making Activity (m) 85 Animal Poetry (m) 109 Water Canaries 118 Kelp Help (m) 127 Urban Nature Search (m) 165 Micro Odyssey (m) 184 Hooks and Ladders (e1-4) 188 Rainfall and the Forest (m) 195 Fishy Who's Who (m) 197 Fashion a Fish (e2)	15 Bird Banquets (e1,2) 27 Twiggy Tales (m) 89 Ready, Set, Snow! (m, var) 93 A Furry Plant? (m) 97 Snow Lovers or Haters?
	• identify examples of niches, and describe the role of variation in enabling closely related living things to survive in the same ecosystem (e.g., investigate different bird species found in a local park ecosystem, and infer how each is adapted to life within that ecosystem)	13 Interview a Spider (m) 15 Grasshopper Gravity! (e1) 20 Microtrek Scavenger Hunt (m) 38 Habitat Rummy (m2) 57 Water Wings (m, e3) 70 Designing a Habitat (m, e2) 72 Puddle Wonders! (e2) 77 Whale of a Tail (m) 82 Wild WordsA Journal-Making Activity (m) 98 Environmental Barometer (m) 105 Riparian Retreat (m, e1) 109 Water Canaries 118 Kelp Help (e1) 127 Urban Nature Search 165 Micro Odyssey (m) 180 Blue Ribbon Niche 184 Hooks and Ladders (m)	15 Bird Banquets (e1,2) 41 Snow Place Like Home (var1,2) 49 Snowsense (m, e3) 83 Winter-Wise Insects (m) 89 Ready, Set, Snow! (m, var) 93 A Furry Plant? 151 An Ice Place To Be! (e2)

^{*} See end notes for abbreviations

(Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, echnology and Society (STS) and Knowledge	Specific Learner Expectations		
		188 Rainfall and the Forest (m, e) 195 Fishy Who's Who (m) 197 Fashion a Fish (e2) 262 Watered Down History (m) 303 Keeping Score (m) 348 Improving Wildlife Habitat in the Community 363 Turtle Hurdles (m)	
	investigate and interpret dependencies among species that link the survival of one species to the survival of others identify examples of symbiotic relationships (e.g., organisms that benefit other organisms by providing habitat, food, means of fertilization, or a source of oxygen) classify symbiotic relationships as mutualism, commensalism, parasitism	15 Grasshopper Gravity! (e1) 62 Water Plant Art (e2,5) 70 Designing a Habitat (m, e2) 95 Seed Need (m) 109 Water Canaries (m) 118 Kelp Help (e1) 127 Urban Nature Search (e) 131 Good Buddies 161 Visual Vocabulary 165 Micro Odyssey (m) 168 Wetland Metaphors (m, e) 172 Marsh Munchers (m) 180 Blue Ribbon Niche (m) 188 Rainfall and the Forest (m) 216 Here Today, Gone Tomorrow (aq1) 222 Planting Animals (m) 348 Improving Wildlife Habitat in the Community (m) 354 Dragonfly Pond (m)	83 Winter-Wise Insects (m) 97 Snow Lovers or Haters? 107 Winter Buddies (m) 129 What Gall!

^{*} See end notes for abbreviations

	(Social and Environmental Emphasis)		Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
	species survival under changing environmental conditions (e.g., resistance to disease, ability to survive in severe environments)	44 My Kingdom for a Shelter (m5) 55 Aqua Words (m) 57 Water Wings (m, e2,3) 72 Puddle Wonders! 85 Animal Poetry (m) 92 Eco-Enrichers (m) 95 Seed Need (m) 105 Riparian Retreat 109 Water Canaries (m) 180 Blue Ribbon Niche (m) 197 Fashion a Fish (m) 262 Watered Down History 283 The Glass Menagerie (m)	33 Winter Survival (m) 41 Snow Place Like Home (var1,2) 55 Fishy Deep Freeze 65 It's a Gasp (m6) 83 Winter-Wise Insects (m) 93 A Furry Plant? 97 Snow Lovers or Haters? (m) 129 What Gall! 151 An Ice Place To Be! (m, e2)
2. Investigate the nature of reproductive processes and their role in transmitting species characteristics	 distinguish between sexual and asexual reproduction, and identify and interpret examples of asexual and sexual reproduction in different species, by: describing mechanisms of asexual reproduction including binary fission, budding and the production of spores describing mechanisms of sexual reproduction (e.g., cross-fertilization in seed plants, sexual reproduction in mammals) describing examples of organisms that show both sexual and asexual reproduction (e.g., yeasts that reproduce both by budding and 	95 Seed Need (m) 184 Hooks and Ladders (m, e1-4) 195 Fishy Who's Who (m, e5) 197 Fashion a Fish (m) 363 Turtle Hurdles (m)	83 Winter-Wise Insects (m) 93 A Furry Plant? (e3)

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Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
	sexual reproduction; plants that reproduce through suckering, runners or bulbs, as well as by seed production) – describing the formation of zygote and embryo in plant and animal reproduction		
	• describe examples of variation of characteristics within a species, and identify examples of both discrete and continuous variation (e.g., hand clasping preference is an example of a discrete variation, the length of human hands varies on a continuum)	82 Wild WordsA Journal-Making Activity (m) 109 Water Canaries (m) 161 Visual Vocabulary (m) 195 Fishy Who's Who (m)	
	 investigate the transmission of characteristics from parents to offspring, and identify examples of characteristics in offspring that are: the same as the characteristics of both parents the same as the characteristics of one parent intermediate between parent characteristics different from both parents 		
	distinguish those characteristics that are heritable from those that are not heritable, and identify		

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(Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
	characteristics for which heredity and environment may both play a role (e.g., recognize that eye colour is heritable but that scars are not; recognize that a person's height and weight may be largely determined by heredity but that diet may also play a role)		
	identify examples of dominant and recessive characteristics and recognize that dominance and recessiveness provide only a partial explanation for the variation of characteristics in offspring		
3. Describe, in general terms, the role of genetic materials in the continuity and variation of species characteristics; and investigate and interpret related technologies	describe, in general terms, the role and relationship of chromosomes, genes and DNA		
	distinguish between cell division that leads to identical daughter cells, as in binary fission and mitosis, and cell division that leads to formation of sex cells, as in meiosis; and describe, in general terms, the synthesis of genetic materials that takes place during fertilization		
	• compare sexual and asexual reproduction, in terms of the advantages and disadvantages (e.g.,		

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Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
	recognize that asexual reproduction provides an efficient means of transmitting characteristics and that sexual reproduction provides an opportunity for recombination of characteristics)		
	• distinguish between, and identify examples of, natural and artificial selection (e.g., evolution of beak shapes in birds, development of high milk production in dairy cows)	252 Lobster in Your Lunch Box (m, e4) 276 Water We Eating? (m, e1) 363 Turtle Hurdles (m)	15 Bird Banquets (m, e1)
	• describe, in simple terms, some genetic technologies (e.g., cloning and genetic engineering); and identify questions and issues related to their application	252 Lobster in Your Lunch Box (m, e4)	
4. Identify impacts of human action on species survival and variation within species, and analyze related issues for personal and public decision making	• describe the relative abundance of species on Earth and in different environments (e.g., note the overall abundance of insect species; note that in harsh environments there are relatively fewer species found than in temperate and tropical environments)	13 Interview a Spider (m) 15 Grasshopper Gravity! (m) 20 Microtrek Scavenger Hunt (e3) 55 Aqua Words (m) 72 Puddle Wonders! 95 Seed Need (m) 98 Environmental Barometer (m) 105 Riparian Retreat (m) 109 Water Canaries (e) 168 Wetland Metaphors (m) 172 Marsh Munchers (m) 180 Blue Ribbon Niche (11) 184 Hooks and Ladders (e1-4)	15 Bird Banquets (e1,2,5) 41 Snow Place Like Home (var1,2) 49 Snowsense (m, e3) 83 Winter-Wise Insects (m)

^{*} See end notes for abbreviations

(Social and Environmental Emphasis)		Project Wild*	Below Zero*
Outcomes for Science, echnology and Society (STS) and Knowledge	Specific Learner Expectations		
		188 Rainfall and the Forest (e) 195 Fishy Who's Who (e2) 216 Here Today, Gone Tomorrow (m) 242 Aquatic Roots (m, e2) 303 Keeping Score (m) 310 Aquatic Times (m) 348 Improving Wildlife Habitat in the Community (m) 363 Turtle Hurdles (m)	
	• describe ongoing changes in biological diversity through extinction and extirpation of native species, and investigate the role of environmental factors in causing these changes (e.g., investigate the effect of changing river characteristics on the variety of species living in the river; investigate the effect of changing land use on the survival of wolf or grizzly bear populations)	44 My Kingdom for a Shelter (m) 98 Environmental Barometer (m) 109 Water Canaries (e) 177 The Edge of Home (m, e3) 180 Blue Ribbon Niche (e2) 188 Rainfall and the Forest (aq3) 216 Here Today, Gone Tomorrow (e2,3,6) 220 Who Lives Here? 222 Planting Animals 242 Aquatic Roots (m, e2) 262 Watered Down History (m) 293 Migration Barriers (m) 348 Improving Wildlife Habitat in the Community (m) 354 Dragonfly Pond (m) 363 Turtle Hurdles (m)	41 Snow Place Like Home (m) 137 Snowmobile Savvy (m) 155 Mighty Migrators (m)
	evaluate the success and limitations of various local and global strategies for minimizing loss of	70 Designing a Habitat (m6, e3) 87 Museum Search for Wildlife (eval)	

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	Unit A: Biological Diversity (Social and Environmental Emphasis)		Below Zero*
Outcomes for Science, Technology and Society (STS) and Knowledge	Specific Learner Expectations		
	species diversity (e.g., breeding of endangered populations in zoos, development of seed banks, designating protected areas, development of international treaties regulating trade of protected species and animal parts)	145 Polar Bears in Winnipeg? (e) 184 Hooks and Ladders (e5, 6, 8) 195 Fishy Who's Who (e5) 222 Planting Animals (m) 237 Migration Headache (e8) 242 Aquatic Roots (e1) 345 Can Do! (m) 348 Improving Wildlife Habitat in the Community (m) 354 Dragonfly Pond (m) 363 Turtle Hurdles (m)	
	• investigate and describe the use of biotechnology in environmental, agricultural or forest management; and identify potential impacts and issues (e.g., investigate issues related to the development of patented crop varieties and varieties that require extensive chemical treatments; identify issues related to selective breeding in game farming and in the rearing of fish stocks)	15 Grasshopper Gravity! (m, e2) 109 Water Canaries (m, e) 184 Hooks and Ladders (m, e) 195 Fishy Who's Who (e5) 276 Water We Eating? (m, e) 299 Deadly Links (m, e) 354 Dragonfly Pond (m)	

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Skill Outcomes	Specific Learner Expectations		
Initiating and Planning Ask questions about the relationships between and among observable variables, and plan investigations to address those questions	identify science-related issues (e.g., identify issues related to loss of species diversity)	55 Aqua Words (m) 188 Rainfall and the Forest (m, aq3) 195 Fishy Who's Who (m) 345 Can Do! (m) 348 Improving Wildlife Habitat in the Community (m) 354 Dragonfly Pond 371 Something's Fishy Here!	
	• identify questions to investigate arising from science-related issues (e.g., "What factors affect the ability of organisms to survive and reproduce in this ecosystem?")	345 Can Do! (m) 348 Improving Wildlife Habitat in the Community (m) 371 Something's Fishy Here! (m)	
	• state a prediction and a hypothesis based on background information or an observed pattern of events (e.g., predict changes to an area of local parkland that is subject to intense use; hypothesize means of impact, such as soil compaction and disturbance of nest sites)	72 Puddle Wonders! 188 Rainfall and the Forest (m, aq3) 237 Migration Headache (m9) 283 The Glass Menagerie (m) 319 Deadly Skies 337 Flip the Switch for Wildlife! (m)	41 Snow Place Like Home (var1)
Performing and Recording Conduct investigations into the relationships between and among observations, and gather and record qualitative and quantitative data	observe and record data, and prepare simple line drawings (e.g., compare two related plants by measuring, describing and drawing them)	15 Grasshopper Gravity! (m) 20 Microtrek Scavenger Hunt (e5) 72 Puddle Wonders! (m) 77 Whale of a Tail 82 Wild WordsA Journal-Making Activity (m) 92 Eco-Enrichers 105 Riparian Retreat (m, e1) 109 Water Canaries	15 Bird Banquets (m) 27 Twiggy Tales (m) 41 Snow Place Like Home 83 Winter-Wise Insects (m) 93 A Furry Plant? (m) 129 What Gall! (m)

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	Unit A: Biological Diversity (Social and Environmental Emphasis)		Below Zero*
Skill Outcomes	Specific Learner Expectations		
		127 Urban Nature Search 165 Micro Odyssey 177 The Edge of Home (m) 180 Blue Ribbon Niche 191 Were Does Water Go After School? (m) 230 No Water Off a Duck's Back 280 Learning to Look, Looking to See (m) 283 The Glass Menagerie 303 Keeping Score (m) 319 Deadly Skies	
	• estimate measurements (e.g., estimate the population of a given plant species within a study plot)	20 Microtrek Scavenger Hunt (e3) 72 Puddle Wonders! 77 Whale of a Tail 92 Eco-Enrichers 98 Environmental Barometer (m) 105 Riparian Retreat (m, e1) 127 Urban Nature Search 177 The Edge of Home (m) 180 Blue Ribbon Niche (11) 191 Were Does Water Go After School? (m) 332 Water's Going On? 376 Watershed (m)	
	• research information related to a given issue (e.g., conduct an electronic search for information on factors that affect the reproduction and survival of wood	13 Interview a Spider 38 Habitat Rummy (m2) 70 Designing a Habitat (m) 77 Whale of a Tail (m2, e2) 109 Water Canaries (e7)	41 Snow Place Like Home (var2) 49 Snowsense (e3) 83 Winter-Wise Insects (m, e1) 89 Ready, Set, Snow! (m, var) 93 A Furry Plant? (aq)

^{*} See end notes for abbreviations

Jnit A: Biological Diversity Social and Environmental Emphasis)		Project Wild*	Below Zero*
Skill Outcomes	Specific Learner Expectations		
	frogs)	118 Kelp Help 180 Blue Ribbon Niche (e2) 184 Hooks and Ladders (e1-4, 6-8) 191 Were Does Water Go After School? (e3) 195 Fishy Who's Who 197 Fashion a Fish (m) 216 Here Today, Gone Tomorrow (e2,6) 220 Who Lives Here? 222 Planting Animals (m) 224 Smokey the Bear Said What? 230 No Water Off a Duck's Back (aq) 237 Migration Headache (m9, e2) 242 Aquatic Roots 252 Lobster in Your Lunch Box (m, e4) 257 Changing Attitudes (e2) 262 Watered Down History 276 Water We Eating? (e) 293 Migration Barriers (e1) 310 Aquatic Times 335 What Did Your Lunch Cost Wildlife? 337 Flip the Switch for Wildlife! 348 Improving Wildlife Habitat in the Community (m) 354 Dragonfly Pond (e) 360 Living Research: Aquatic Heros and Heroines (m)	97 Snow Lovers or Haters? 107 Winter Buddies (e1) 129 What Gall! (e) 137 Snowmobile Savvy (e2) 155 Mighty Migrators (m, e1)

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Skill Outcomes	Specific Learner Expectations		
		368 Plastic Jellyfish (e5,6)	
Analyzing and Interpreting Analyze qualitative and quantitative data, and develop and assess possible explanations	• identify strengths and weaknesses of different ways of displaying data (e.g., compare different ways of recording and displaying data on plant variation in a study plot)	316 Facts and Falsehoods (m)	
	interpret patterns and trends in data, and infer and explain relationships among the variables (e.g., interpret data on changing animal populations, and infer possible causes)	6 Bearly Born (m, e) 72 Puddle Wonders! (e1,2) 92 Eco-Enrichers 109 Water Canaries (e1,2,5) 177 The Edge of Home (m) 188 Rainfall and the Forest (m) 206 Oh Deer! 216 Here Today, Gone Tomorrow 237 Migration Headache (m, e) 245 Where Have All the Salmon Gone? 283 The Glass Menagerie (m) 322 Deadly Waters (m) 363 Turtle Hurdles	15 Bird Banquets (m, e5) 17 Cold Busters (m7) 49 Snowsense (m6, e1) 65 It's a Gasp
	• apply given criteria for evaluating evidence and sources of information (e.g., evaluate sources based on their currency, credibility and the extent to which claims are supported by data)	188 Rainfall and the Forest (m) 195 Fishy Who's Who 316 Facts and Falsehoods	
	identify new questions and problems that arise from what was learned		

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Skill Outcomes	Specific Learner Expectations		
Communication and Teamwork Work collaboratively on problems; and use appropriate language and formats to communicate ideas, procedures and results	communicate questions, ideas, intentions, plans and results, using lists, notes in point form, sentences, data tables, graphs, drawings, oral language and other means (e.g., illustrate and compare methods of reproduction in sample organisms studied)	13 Interview a Spider (e) 55 Aqua Words (m) 72 Puddle Wonders! 82 Wild WordsA Journal-Making Activity (m) 85 Animal Poetry (m) 109 Water Canaries 118 Kelp Help 161 Visual Vocabulary (m) 168 Wetland Metaphors 172 Marsh Munchers (m) 177 The Edge of Home 188 Rainfall and the Forest 195 Fishy Who's Who 224 Smokey the Bear Said What? 242 Aquatic Roots 245 Where Have All the Salmon Gone? (e2) 252 Lobster in Your Lunch Box (m, e4) 293 Migration Barriers (e1) 295 To Compromise or Not to Compromise (e1) 306 Panning for People and Wildlife 310 Aquatic Times (m) 319 Deadly Skies 332 Water's Going On? 335 What Did Your Lunch Cost Wildlife? 340 Ethi-Reasoning 345 Can Do! (m)	17 Cold Busters (m) 46 Snow Experiments (m) 83 Winter-Wise Insects (m) 93 A Furry Plant? (m) 137 Snowmobile Savvy (var1) 155 Mighty Migrators

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Skill Outcomes	Specific Learner Expectations		
		348 Improving Wildlife Habitat in the Community 351 Enviro-Ethics 354 Dragonfly Pond 360 Living Research: Aquatic Heros and Heroines (m) 381 Alice in Waterland	
	• evaluate individual and group processes used in investigating an issue and evaluating alternative decisions (e.g., evaluate strategies for locating information, such as the use of particular key words or search tools; evaluate approaches for sharing work on a given research task and for synthesizing the information found)	345 Can Do! (m) 348 Improving Wildlife Habitat in the Community (m)	
	• defend a given position on an issue, based on their findings (e.g., defend a position on a proposed measure to protect a particular plant or animal population)	87 Museum Search for Wildlife (eval) 98 Environmental Barometer (eval1) 105 Riparian Retreat (eval6) 211 The Hunter (e4) 242 Aquatic Roots 293 Migration Barriers 312 To Dam or Not to Dam 340 Ethi-Reasoning (e2) 354 Dragonfly Pond	137 Snowmobile Savvy (m, var2)

^{*} See end notes for abbreviations

(Social and Environmental Emphasis)		Project Wild*	Below Zero*
Attitude Outcomes	Specific Learner Expectations		
Interest in Science	Show interest in science-related questions and issues, and confidently pursue personal interests and career possibilities within science-related fields (e.g., select and explore media on topics related to species diversity; express interest in hobbies and careers that involve the care, culture and study of living things)	Activity 180 Blue Ribbon Niche (e2) 204 Wildwork	
Mutual Respect	Appreciate that scientific understanding evolves from the interaction of ideas involving people with different views and backgrounds (e.g., show awareness that the scientific study of changing animal and plant populations can arise from a variety of global needs, involving many individuals and organizations)	105 Riparian Retreat (e2, eval4,6) 195 Fishy Who's Who 211 The Hunter (m, e3) 227 Checks and Balances (m) 257 Changing Attitudes (e1,2,5) 293 Migration Barriers (m, e1) 295 To Compromise or Not to Compromise (m, e1) 354 Dragonfly Pond 360 Living Research: Aquatic Heros and Heroines (m)	137 Snowmobile Savvy (var2) 155 Mighty Migrators (m)

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Attitude Outcomes	Specific Learner Expectations		
Scientific Inquiry	Seek and apply evidence when evaluating alternative approaches to investigations, problems and issues (e.g., strive to assess a problem accurately by careful analysis of evidence gathered; critically consider ideas and perceptions, recognizing that the obvious is not always right)	195 Fishy Who's Who 242 Aquatic Roots (m) 257 Changing Attitudes (e2) 293 Migration Barriers (m) 316 Facts and Falsehoods (m) 354 Dragonfly Pond (m, e)	155 Mighty Migrators (m)
Collaboration	Work collaboratively in carrying out investigations and in generating and evaluating ideas (e.g., choose a variety of strategies, such as active listening, paraphrasing and questioning, in order to understand other points of view; accept various roles within a group, including that of leader)	109 Water Canaries 118 Kelp Help 161 Visual Vocabulary (m) 168 Wetland Metaphors (m) 177 The Edge of Home (m) 180 Blue Ribbon Niche (e2) 195 Fishy Who's Who 230 No Water Off a Duck's Back 262 Watered Down History 306 Panning for People and Wildlife (e1,2) 310 Aquatic Times (m) 348 Improving Wildlife Habitat in the Community 354 Dragonfly Pond 371 Something's Fishy Here! (e1)	46 Snow Experiments
Stewardship	Demonstrate sensitivity and responsibility in pursuing a balance between the needs of humans and a sustainable environment (e.g., consider implications of changing	15 Grasshopper Gravity! 20 Microtrek Scavenger Hunt 48 Litter We Know (m) 50 How Wet Is Our Planet (m8) 57 Water Wings (m, e2)	24 Follow the Leader (e2) 41 Snow Place Like Home (m) 83 Winter-Wise Insects (m) 129 What Gall! 137 Snowmobile Savvy

^{*} See end notes for abbreviations

(Social and Environmental Emphasis)		Project Wild*	Below Zero*
Attitude Outcomes	Specific Learner Expectations		
	land use on the welfare and survival of living things; identify potential conflicts between attempting to meet the wants and needs of humans and, at the same time, providing life-supporting environments for all living things; minimize environmental impact during studies by avoiding sampling that will affect an animal or plant population)	72 Puddle Wonders! (e2) 82 Wild WordsA Journal-Making Activity (m) 105 Riparian Retreat (m) 109 Water Canaries (e) 127 Urban Nature Search 180 Blue Ribbon Niche 211 The Hunter (e3) 227 Checks and Balances 230 No Water Off a Duck's Back 237 Migration Headache (m, e) 252 Lobster in Your Lunch Box (m, e4) 257 Changing Attitudes (e2) 262 Watered Down History (m) 276 Water We Eating? (m6, e) 280 Learning to Look, Looking to See (m) 283 The Glass Menagerie (m) 293 Migration Barriers (e1) 295 To Compromise or Not to Compromise (e1) 303 Keeping Score (m) 306 Panning for People and Wildlife (e1,2) 312 To Dam or Not to Dam 328 Ethi-Thinking (m) 330 Playing Lightly on the Earth (e) 332 Water's Going On? (e1) 335 What Did Your Lunch Cost Wildlife?	155 Mighty Migrators

^{*} See end notes for abbreviations

Unit A: Biological Diversity (Social and Environmental Emphasis)		Project Wild*	Below Zero*
Attitude Outcomes	Specific Learner Expectations		
		337 Flip the Switch for Wildlife! 340 Ethi-Reasoning (e1-3) 345 Can Do! (m) 348 Improving Wildlife Habitat in the Community 351 Enviro-Ethics 354 Dragonfly Pond 363 Turtle Hurdles (m) 368 Plastic Jellyfish 371 Something's Fishy Here! (m, e) 376 Watershed (m) 381 Alice in Waterland	
Safety	Show concern for safety in planning, carrying out and reviewing activities (e.g., follow safety procedures in outdoor investigations)	20 Microtrek Scavenger Hunt 109 Water Canaries 163 Owl Pellets 177 The Edge of Home (m) 180 Blue Ribbon Niche 230 No Water Off a Duck's Back 280 Learning to Look, Looking to See (m) 345 Can Do! (m) 348 Improving Wildlife Habitat in the Community (e)	145 The Acid Test

^{*} See end notes for abbreviations

* End Notes (for all tables)

bold - very strong correlation of activity with outcome/expectation

- m minor modification required for SLE
- # relevant step in activity procedure
- e include extension activity
- aq aquatic extension
- eval evaluation section of activity
- var variation section of activity

^{*} See end notes for abbreviations