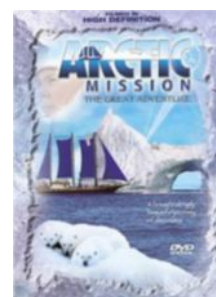
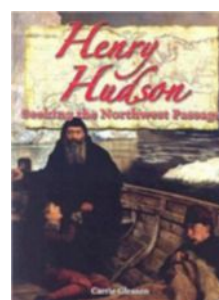
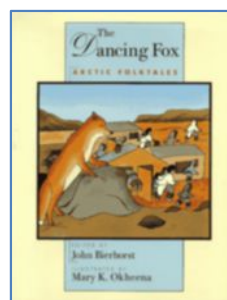
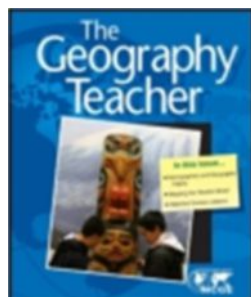
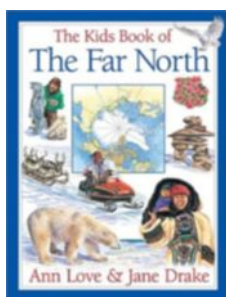
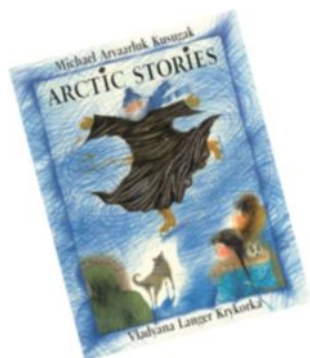


# A RESOURCE TOUR OF CANADA'S ARCTIC

Selected Resources Compiled by  
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Note: Most descriptions are adapted from the jacket of publications or websites or as noted within the text.

## ARTICLES &amp; TEXTBOOKS (12)

**Key:** ES = Appropriate for Elementary School Use; MS = Appropriate for Middle School Use; SS = Appropriate for Secondary School Use

- **"The Arctic—A Global Hot Spot: Resources for Teaching the Geography of the Contemporary Canadian Arctic"** by Betsy Arntzen and Amy Sotherden, *The Geography Teacher*, 8:2, 75-81. (2011) [ES, MS, SS]  
<http://www.tandfonline.com/doi/pdf/10.1080/19338341.2011.571148> This article explains why the Canadian Arctic is receiving increased attention by media, researchers, academics and government officials and introduces a selection of resources about Inuit culture, effects of climate change on the Inuit, and the North American Arctic, in general.
- **"Arctic Permafrost Leaking Methane at Record Levels"** by David Adam (2010) [SS]  
<http://www.guardian.co.uk/environment/2010/jan/14/arctic-permafrost-methane> Experts say methane emissions from the Arctic have risen by almost 1/3 in just 5 years with sharply rising temperatures to blame. While carbon dioxide gets more attention in the global warming debate, methane is a more potent greenhouse gas, capable of trapping some 20 times more heat than CO<sub>2</sub> and its potency is responsible for about 1/5 of man-made warming.
- ***Canada, Continuity and Change: A History of Canada Since 1914*** By Don Bogle, Eugene D'Orazio, and Don Quinlan; Fitzhenry & Whiteside [MS, SS] This textbook explores the central events and experiences that have shaped the development of Canada's identity as a nation since the First World War. Its purpose is to expand knowledge of important developments in Canada's history, including important events and issues involving the Inuit and the Arctic.
- ***Climate Change 101: Understanding and Responding to Global Climate Change*** by C2ES [SS]  
<http://www.c2es.org/science-impacts/climate-change-101> and <http://www.c2es.org/docUploads/climate101-fullbook.pdf>  
 This series by the Center for Climate and Energy Solutions is a digestible introduction to global climate change, giving policy makers the basic information they need for decisions about climate policy. The 2011 edition incorporates the most recent information on climate change and major developments in the field. It begins with an overview report (summary) and introduction to the series and consists of 8 briefs covering climate science and impacts, adaptation, technological solutions, business solutions, international action, U.S. federal-level action, action in the U.S., and local government efforts.
- ***Global Connections: Canadian and World Issues*** by Bruce Clark and John Wallace; Pearson/Prentice Hall [SS]  
[www.pearsoned.ca/globalconnections](http://www.pearsoned.ca/globalconnections) This textbook is used in Canadian high schools as it provides information about Canada and its role in global issues. Chapter 20 is entitled "Global Warming—Wealth or Environmental Health." It explores global warming and how its impacts around the world, including Canada's Arctic.
- **"How to Teach...Polar Meltdown"** by Emily Drabble (*The Guardian* - 2012) [MS, SS]  
<http://www.guardian.co.uk/education/2012/sep/17/polar-arctic-meltdown-climate-change>  
 This online article, filled with useful hyperlinks, serves as an excellent classroom resource. The Guardian Teacher Network has resources related to climate change and the Arctic meltdown. Additional resources are found in the menu to the right.
- **In Depth: Northwest Passage: "The Arctic Grail"** (CBC News – 2006) [MS, SS]  
<http://www.cbc.ca/news/background/northwest-passage> This Internet article serves as an excellent background on historic quests for the Northwest Passage and provides insight on the Arctic today. The menu offers links to a timeline, photos and other resources. Of interest will be similar in-depth CBC coverage on climate change and Arctic sovereignty.
- **"The Inuit Case Study"** by Ana Nuñez, CIEL Law Fellow (Center for International Environmental Law) [MS, SS]  
[http://www.ciel.org/Publications/Climate/CaseStudy\\_Inuit\\_Sep07.pdf](http://www.ciel.org/Publications/Climate/CaseStudy_Inuit_Sep07.pdf) A 3-page paper focused on the Inuit.
- **"Inuktitut—Language of the Arctic"** by Nadine Fabbi (2003) [ES, MS, SS] <http://www.k12studycanada.org/files/Inuktitut.pdf>  
 One of a series of backgrounders or teaching modules for teachers, "this module focuses on the importance of the Inuit language and the cultural survival of the Inuit; the history of the development of the language particularly in its written form; and the use of Inuktitut in the current educational system. Students should gain a sense of the history of the North from the perspective of language while learning about Northern geography in the process."
- Two additional teaching modules by Nadine Fabbi will also be of interest for the background information they contain:
  - **"The North, the Inuit and Nunavut"** [ES, MS, SS] <http://www.k12studycanada.org/files/Nunavut.pdf>
  - **"Nunavik - Inuit Homeland in Québec"** [ES, MS, SS] <http://www.k12studycanada.org/files/Nunavit%20-%20The%20Inuit%20Homeland%20in%20Quebec.pdf>

- **Regional Geography of the United States and Canada** by Tom L. McKnight; Pearson Education Inc. [SS]  
This book contains a heavy emphasis on landscape description and interpretation of North America, as well as chapter-end bibliographies overflowing with references to useful publications. One of the more popular features of this book is the use of boxed vignettes that permit a more detailed discussion of specific issues and topics. Chapter 20 is focused on the Arctic.

**BOOKS! BOOKS! BOOKS!** Listings categorized and in alphabetical order by title and author; publisher and [ES, MS, SS] as appropriate.

**Key:** ES = Appropriate for Elementary School Use; MS = Appropriate for Middle School Use; SS = Appropriate for Secondary School Use

### Picture Books / Folk Tales (35)

- **Arctic Adventures: Tales from Lives of Inuit Artists** by Raquel Rivera and Jirina Marton (illus); Groundwood Books [ES, MS]  
Extreme weather, hunger, magic, hunting, and the land are themes that shape the existence of the Inuit of the Far North. These stories — retold by Raquel Rivera based on the lives of native artists Pudlo Pudlat, Jessie Oonark, Kenojuak Ashevak and Lazarusie Ishlutuk — offer young readers a glimpse into this rich, remote culture, past and present.
- **Arctic Stories** by Michael Arvaarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
Acclaimed Inuit storyteller Michael Kusugak weaves a tapestry of 3 tales that resonate with the nostalgia and affection of his own childhood memories though focused on 10-year-old Agatha and her accidental heroism in the high Arctic of 1958.
- **In Arctic Waters** by Laura Crawford and Ben Hodson (illus); Sylvan Dell Publishing/University of Toronto Press [ES]  
This rhythmic picture book is accompanied by several pages of glossary describing the animals and people of the Arctic. Also included is an animal tear sheet for coloring. The addition of these resources, which are accessible and understandable to school-aged children, is what makes this book an all-round winner.
- **Baseball Bats for Christmas** by Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
Never having seen trees, the children in Repulse Bay decide that the funny things sent them one year must actually be baseball bats. An autobiographical tale from Michael Kusugak's childhood, this story speaks to life in the Arctic and how easily different cultures can interpret things differently.
- **Berry Magic** by Betty Hoffman and Teri Sloat; Alaska Northwest Books [ES]  
Long ago, the only berries on the tundra were hard, tasteless, little crowberries. As Anana watches the ladies complain bitterly about it, she decides to use her magic to help. Anana sings under the full moon turning four dolls into little girls that run and tumble over the tundra creating patches of fat, juicy berries: blueberries, cranberries, salmonberries, and raspberries. The next morning Anana and the ladies fill basket after basket with berries for the Fall Festival. Thanks to Anana, there are plenty of tasty berries for the agutak (Eskimo tee cream) at the festival and forevermore. Note: Yup'ik Eskimo elder Betty Huffmon shared this folktale with author/illustrator Teri Sloat, who brings it to life with her delightful illustrations.
- **Beyond the Northern Lights** by Lynn Blaikie; Fitzhenry & Whiteside [ES]  
Batik artist Lynn Blaikie calls on Raven to take the reader on a magical tour of the North with simple poetic text. Here readers will dance beyond the northern lights and plunge into the icy deep, where whales mingle with dolphins and they will find the warmth of the fire pit, where "hand in hand the spirits dance."
- **The Cremation of Sam McGee** by Robert W. Service and Ted Harrison (illus); Kids Can Press [ES, MS, SS]  
Evoking both the spare beauty and the mournful solitude of the Yukon landscape, Harrison's paintings are the perfect match for Service's masterpiece about a doomed prospector adrift in a harsh land. A classic must-read-aloud tale told in iambic pentameter...even Johnny Cash has recorded it! The tale is fun for all ages.
- **The Curse of the Shaman: A Marble Island Story** by Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
Michael Kusugak, consummate storyteller, conjures up an Inuit tale of adventure, perseverance and first-time love shot through with humanity and humour. This is a story perfect for its pre-teen audience, where even the strong and the mighty have bad days, the bully gets his due and a dream can come true.
- **The Dancing Fox: Arctic Folktales** by John Bierhorst and Mary K. Okheena (illus); Morrow. [ES, MS]  
Bierhorst tells us in his introduction that these are "minutely edited" tales, and not retold ones. Drawn from the lore of the

Inuit people of Alaska, northern Canada, and Greenland and enhanced by the fascinating introductory material, these stories are the stuff of magic. They are equally about little girls who regret hasty wishes and of resourceful women and yearning souls. They provide, through the window of an old tradition, insights into the everyday themes of human experience.

- ***Dogteam*** by Gary Paulson and Ruth Wright Paulsen (illus); Delacorte [ES]  
On a moonlit winter night, a team of dogs pulls a sled, taking the narrator and readers on a wondrous ride through the snow, into and out of the woods. Through this exquisite prose poem, Gary Paulsen shares the joy, the beauty, and the grandeur of the outdoors. With joyous text and exuberant and expressive illustrations, *Dogteam* is a celebration of nature, a dance that invites everyone to join in. It is a ride you'll wish would never end.
- ***Dreamstones*** by Maxine Trottier and Stella East (illus); Fitzhenry & Whiteside [ES]  
Those are markers to lead you home," the captain told his son. "People here call them *Inukshuks*. They say some are as old as time." David wondered at the lichen-covered stones stacked in human shapes, but there were so many wonders in this strange land that he gave them little thought...but later he will rely on the directionals to guide him back to his father's ship.
- ***Hide and Sneak*** by Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
Allashua ignores the *inuksugaq* as she plays hide-and-seek. Soon she encounters an *Ijiraaq*--a tiny half-bird, half-human creature who loves to play. When she gets lost on the tundra, she realizes the *inuksugaq* can guide her safely home.
- ***Immi's Gift*** by Karin Littlewood; Peachtree Press [ES]  
This sweet story for beginning readers focuses on a young girl in the Arctic who finds small colorful treasures while fishing that brighten her cold, snowy life. All will enjoy this colorfully illustrated tale of friendship and global interconnectedness.
- ***Kaugjagjuk*** by Marion Lewis and Kim Smith (illus); Inhabit Media [ES]  
The legend of Kaugjagjuk—a mistreated orphan who gains the strength to stand up for himself with a little help from the Man of the Moon—is a traditional Inuit tale told throughout the Arctic.
- ***Kitaq Goes Ice Fishing*** by Margaret Nicolai and David Rubin (illus); Alaska Northwest Books [ES]  
Five-year old Kitaq is eager to convince his grandfather that he is finally old enough to make the journey with Apa to the ice-fishing holes and back home again. Readers will enjoy the heartwarming drama of Kitaq's early coming-of-age experience with his grandfather and his first taste of success in providing food for his family.
- ***Kumak's Fish: A Tall Tale from the Far North*** by Michael Bania; Alaska Northwest Books [ES]  
On a beautiful Arctic morning, Kumak decides it's a good day for fish. Eager to give Uncle Aglu's amazing hooking stick a try, Kumak and his family head out on the ice. Hapless Kumak is the only one in his family without fish until the tug at the other end of his line incites a mighty battle. Is it a giant whale-sized fish? Authentic details throughout the playful art and text, as well as endnotes on Inupiat fishing, provide young readers with a fascinating window into another culture in this follow up to the picture book *Kumak's House* by the same author.
- ***Mama Do You Love Me?*** by Barbara M. Joose; Chronicle Books [ES]  
This book introduces cultural icons of the Inuit as a framework for the book's timeless message of love. The story is about a child testing the limits of her independence, and a mother who reassuringly proves that a parent's love is un conditional and everlasting is a perfect first book for young children.
- ***My Arctic 1,2,3*** by Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
From one polar bear walking along the edge of a huge ice floe to millions of berries ready for picking, "My Arctic 1, 2, 3" takes young readers on a counting tour in the Far North with the rich Arctic environment as a background.
- ***Naya, the Inuit Cinderella*** by Brittany Marceau-Chenkie and Shelley Brookes (illus); Raven Rock Publishing [ES]  
This children's picture book was written by a fifth-grader! In this retelling of the Cinderella story, the setting is the Arctic and the northern lights, not fairies, aid an Inuit girl and provide a dogsled to carry her to the Iglood for a community feast where she meets a handsome hunter. This would be a fun addition to a classroom studying Cinderella tales and students may be inspired to write their own as Marceau-Chenkie did!

- North: The Amazing Story of Arctic Migration** by Nick Dowson and Patrick Benson (illus); Candlewick Press [ES]  
 When spring comes to the Arctic, it brings animals from every corner of the earth. Gray whales, white cranes, wolves, and caribou begin their migrations as the snow melts, gradually making the long journey north. Once they reach their destination, they will raise their young, feast on the lush Arctic tundra, and bask in the sunlight that lasts all summer. This poetic and lushly illustrated picture book celebrates the cyclical nature of the seasons, showcasing the barren and beautiful landscapes of the Arctic Circle and reminding all of the hardships and harmony of life in the North.
- A Northern Alphabet** by Ted Harrison; Tundra Books [ES]  
 A is for Arctic, B for Bering Sea, C for Clyde River – and Z for Zangeza Bay – all to be explored above the 60th parallel. Ted Harrison's artwork is colorful and captivating. A perfect read-aloud for students learning about the Arctic while also learning about the alphabet and geography.
- Northern Lights: The Soccer Trails** by Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
 Scientists have their own explanations for the phenomenon that occurs when the night sky shimmers with milky white patterns, or displays all colors of the rainbow. This tale explores the mystical aspects of the northern lights in Inuit culture.
- A Promise is a Promise** by Robert Munsch, Michael Arraarluk Kusugak and Vladyana Langer Krykorka (illus); Annick Press [ES]  
 The Qallupilluit are imaginary creatures, a bit like trolls, that live in Hudson's Bay or reside in icebergs. They wear women's loon feather parkas, are grotesque-looking and grab innocent children who come too near the shore or stand too close to cracks in the sea ice. One day when Allashua disobeys her mother's warning not to fish on the sea ice, she is captured by the Qallupilluit and dragged down to the bottom of the ocean. After barely escaping, Allashua must help her mother to trick the sea monsters in order that she and her siblings are spared their lives. Note: This story illustrates how Inuit stories help keep children safe. A follow-up creative writing activity can be for students to invent their own stories in class and create a new mythology of their own that aims to similarly offer guidance to children.
- Ookpik: The Travels of a Snowy Owl** by Bruce Hiscock; Boyds Mills Press [ES]  
 This water-colored picture book follows one snowy owl's first year and struggle to survive. Fed by his parents, "Ookpik," which means "snowy owl" in the Inuktitut, grows quickly in the short Arctic summer. By autumn he has learned to hunt on his own but prey is scarce on the tundra so he flies south, over the great forests of Canada, and finally lands in the United States, always searching for food and a winter hunting ground. With vivid watercolor illustrations of the changing landscape (from the treeless Arctic of Baffin Island to the dairy country of eastern New York), Ookpik's journey will delight readers.
- The Orphan and the Polar Bear** by Sakiasi Qaunaq and Eva Widermann (illus); Inhabit Media [ES]  
 In the world of Inuit traditional stories, animals and humans are not such different creatures. Animals can speak to, understand, and form relationships with humans. This book—retold for contemporary audiences by an Inuit elder—makes this beautiful traditional tale about a young boy abandoned on the sea ice by a group of cruel hunters accessible for the first time. Adopted by a polar bear, the orphan learns many lessons about survival, but most importantly, learns about himself and his own place in the world.
- The Polar Bear Son: An Inuit Tale** by Lydia Dabovich; Sandpiper [ES]  
 This story retells a traditional Inuit folktale. It is about a lonely old woman who adopts, cares for, and raises a polar bear as if he were her own son, until jealous villagers threaten the bear's life, forcing him to leave his home and his "mother." It would be interesting to pair this story with the one cited directly above (*The Orphan and the Polar Bear*).
- The Qalupalik** by Elisha Kilabuk and Joy Ang (illus); [ES]  
 All Inuit know about Qalupaliit, strange creatures that live under the sea ice and carry away unsuspecting children on their backs but when one bright young orphan strays too close to the ice, he soon learns that while qalupaliit may be very scary, they are also easily tricked. Note: This is the first installment in *The Unikkaaruk Series*—a new, beautifully illustrated children's series based on the work of celebrated contemporary Inuit storytellers.
- Qanuq Pinngurnimata: Inuit Stories of How Things Came to Be** by Rachel A. Qitsualik and Sean A. Tinsley [ES, MS]  
 Two gifted northern writers have collaborated to produce mesmerizing prose interpretations of Inuit creation stories. Readers will be drawn in by the humor, wisdom and depth of these inspired tales which invite a contemporary audience to learn from and be moved by the complex spiritual metaphors of ancient Inuit knowledge. Illustrated in full color.

- Snow Children*** by Masako Yamashita; Groundwood Books/House of Anansi Press [ES]  
 This picture book delves into the important yet complex issue of global warming for elementary students. The story unfolds with Yuna and Yuta attending an ice festival. Both note the warmer temperatures but from different perspectives. On their way to the gathering, they encounter several animal families struggling in their habitats (rabbits covered by an avalanche, polar bears trapped on ice floes, and caribous that can't find food in the snow) and they discover the snow people all differ in opinion about the situation's gravity. In many ways, the gathering mirrors polarized worldwide discussions about global warming. *Snow Children* sends the message that climate change should be recognized, understood, and overcome in harmony. Prior to beginning the story, context is offered by listing effects of climate change, including an increase in rain and snow, violent storms, as well as more complex changes, such as melting glaciers and changes in animal environments. Similarly, at the end of the story, the author provides concrete examples of what children can do to help prevent global warming. Within the framework of the story, both serve as an opportunity to inform and thereby open up the possibility for questions and discussion by younger children. [Adapted from: <http://www.umanitoba.ca/cm/vol19/no3/snowchildren.html>]
- Song of Sedna*** by Robert D. San Souci and Daniel San Souci (illus); Doubleday [ES] \*NCSS Notable Book  
 This Inuit creation story will captivate students. Beautiful Sedna marries a mysterious hunter but is tragically tricked!
- Tiktala*** by Margaret Alison Shaw-MacKinnon and Laszalo Gal (illus); Stoddart [ES, MS]  
 Tiktala looked out at the black churning waters. She dreaded the sea, but she was more afraid of being left alone. She closed her eyes and heaved forward. "I am Tiktala," she cried, as she entered the ocean. Tiktala looked down at what should have been her mittens and saw silver-grey fur, black claws-flippers. She tried to get away, but the flippers-her flippers-scratched and scrambled on the rock. Tiktala was a harp seal. "Spirit!" her cry rang out. "Change me back!" But no spirit answered.
- Tikta'liktak: An Inuit-Eskimo Legend*** by James Houston; Sandpiper [ES, MS]  
 "A young hunter is trapped on an ice floe and marooned on a barren island....The Eskimo survives freezing weather, an attack by a polar bear, and the long journey that brings him safely home....a memorable book."—*New York Times*.
- Unikkaaqtuat: An Introduction to Inuit Myths and Legends*** by Neil Christopher (Ed); Inhabit Media [ES, MS, SS]  
 The rich tradition of Inuit storytelling becomes accessible to the rest of the world for the first time in this exhaustive collection of ancient Inuit myths. *Unipkaaqtut* means "to tell stories" in Inuktitut and the thoughtful introduction and careful annotations provide historical and cultural context in which to understand this rich oral tradition.
- Very Last First Time*** by Jan Andrews and Ian Wallace (illus); Groundwood Books [ES]  
 Eva lives in an Inuit village in northern Canada. In the winter, people traditionally search along the bottom of the seabed beneath a thick shelf of ice for mussels to eat. Eva usually helps her mother, but for the first time, she's going to go by herself. The story's drama and the wonderful illustrations will captivate young readers.
- Whale Snow*** by Debby Dahl Edwardson and Annie Patterson (illus); Charlesbridge Publishing [ES]  
 Amiqquq is excited when his family catches a bowhead whale. As his family prepares to celebrate the traditional Inupiaq whaling feast, Amiqqaq learns about the spirit-of-the-whale.

### Youth Fiction (Short Stories and Novels) (25)

- Ajjiit: Dark Dreams of the Ancient Arctic*** by Sean A. Tinsley; Inhabit Media [SS]  
 An award-winning science fiction writer and respected Inuit author lend gothic interpretation to Inuit shamanism in this original collection of dark fantasy for modern audiences. Drawing on the familiar literary expressions of fantasy and science-fiction genres, *Ajjiit* gives fans of mainstream fantasy fiction a whole new mythological world to discover.
- Akavak: An Eskimo Journey*** by James Houston; Longmans Canada [ES, MS]  
 In the frozen isolation of the far North, young Akavak, with his grandfather, sets off on a dangerous journey to visit his great-uncle's home. Both seem destined to die except that their courage and determination lead them to their goal. - *Booklist*
- Arctic Adventure (Hal & Roger Hunt Adventures #14)*** by Willard Price; Red Fox Publishing [MS, SS]  
 The boys are colder than they've ever been in their lives, up among the ice floes of Greenland. This harsh land holds many dangers, from killer whales to grizzly bears, but an evil man may turn out to be the deadliest threat the boys have to face.

- ***Buried In Ice (A Time Quest Book)*** by Owen Beattie & John Geiger; Scholastic [ES, MS]  
Luke Smith, a fictional stoker on board one of the ships looking for the fabled Northwest Passage in 1845, tells of the events that befell the two ships, while, 135 years later, an anthropologist unravels the mystery of what happened.
- ***Call of the Wild*** by Jack London; Scholastic [ES, MS]  
Exciting and action-packed, this classic short novel explores the timeless relationship between man and dog, and the inevitable instinct that pulls Buck away from civilization and humanity and to the lawless and harsh wilderness of the North.
- ***Far North Tales: Stories from the Peoples of the Arctic Circle (World Folklore Series)*** by Bonnie Marshall, Kira Van Deusen and Richard Munson; Libraries Unlimited [ES, MS, SS] This collection captures and preserves wonderful tales from Siberia, Scandinavia, Greenland, Alaska and Canada. More than 30 tales—many of them unavailable until now—are grouped by theme: daily life; creation stories; tales of tricksters and fools; spirits, shamans, and shapeshifters; animals; and heroes and heroines. The ethnic source and country of origin and notes on the tale are provided. Background on the geography, history, and cultures of the native peoples rounds out a book that is a perfect resource for educators and storytellers alike.
- ***Ghosts of James Bay*** by John Wilson; Dundurn [MS, SS]  
14-year-old Al is spending the summer on the shores of Ontario's James Bay with his eccentric archaeologist father. On their last day there, Al's canoe is strangely overtaken by a thick fog that disorients him. He is startled to see a ship in the distance that he recognizes as the *Discover*, whose captain was the ill-fated Henry Hudson. Is it a ghostly apparition?
- ***Harpoon of the Hunter*** by Markoosie and Germaine Arnaktauyok (illus); McGill-Queen's University Press [ES, MS, SS]  
The book is about Kamik, a young hero who comes to manhood while on a treacherous hunt for a wounded polar bear. Emerging from a largely oral tradition, it is the first novel by an Inuit written in English that retains the richness and imagery of the Inuit language. "[A book] for all ages...the story grabs you from the first page...until the last" - *Publishers Weekly*.
- ***Ice Drift*** by Theodore Taylor; Harcourt Books [MS, SS]  
The year is 1868 and fourteen-year-old Alika and his younger brother are hunting for seals on an ice floe in the Arctic. Suddenly the floe breaks free and the boys watch with horror as they start drifting south—away from their home, their family, and all they've ever known. Throughout their six-month journey, the brothers face bitter cold, starvation, and most frightening of all, vicious polar bears. This thrilling adventure story is a moving testament to the bond between brothers--and to the strength of the human spirit. Note: The book includes a map and a glossary of Inuit words and phrases.
- ***An Inuk Boy Becomes a Hunter*** by John Iglooliorte; Nimbus Publishing [ES, MS]  
In the authentic voice of a storyteller, the author shares with us the wondrous experiences of an Inuk boy's life—from his earliest childhood memories, to when, at thirteen, he became a hunter.
- ***Lost in the Barrens*** by Farley Mowat; McClelland & Stewart [MS, SS]  
Awasin, a Cree Indian boy, and Jamie, a Canadian orphan living with his trapper uncle, are enchanted by the magic of the great Arctic wastes. They set out on an adventure that proves longer and more dangerous than they could have imagined. Drawing on his knowledge of the wilderness and implacable northern elements, Mowat creates a memorable adventure.
- ***Maata's Journal*** by Paul Sullivan; Atheneum Books for Young Readers [MS, SS]  
In this remarkable story of courage, survival, and the power of language, the breathtakingly harsh Arctic landscape comes to life. Maata has spent her life on the Arctic tundra, in a world of snow and ice. Her people live a blissfully nomadic life, carrying all of their possessions on sleds, traveling with the seasons and the game. When a huge ship steams into their bay and sends her people to a Canadian government settlement camp, she realizes she will need to adapt to a new way of life...with electric boats and houses with glass windows...and also alcohol and violence of a kind the Inuit have never known. Her journal reveals her struggles to retain traditional ways. When chosen to join a mapping expedition to her beloved homeland, she finds that all of her skills -- from both Inuit and western educations -- become invaluable.
- ***Napachee*** by Robert Feagan; Turtleback Books [MS]  
Napachee is tired of Sachs Harbour, NWT. He is tired of the traditional Inuit hunt and of fighting with his father, who shuns snowmobiles for dog sleds and tents for igloos. When two men from the Edmonton zoo fly in to capture a polar bear cub, Napachee spies his chance at a trip to the big city, but soon discovers that life there is not what he had expected. With the

help of Jo, the zookeeper's daughter, Napachee heads overland to Sachs Harbour with the will to prove to his father, and himself, that he is the rightful inheritor of a life he once so badly wanted to escape.

- ***On the Proper Use of Stars*** by Dominique Fortier; McClelland & Stewart [SS]  
A sparkling, inventive debut novel inspired by Sir John Franklin's grand — but ultimately failed — quest to discover the Northwest Passage and by his extraordinary wife, Lady Jane. It weaves together the voices of Francis Crozier, Sir John Franklin's second in command, who turns a sceptical eye on the grandiose ambitions and hubris of his leader, and of Lady Jane Franklin and her niece Sophia, both driven to uncommon actions by love and by frustration as months then years pass with no word from the expedition. Fortier skilfully accents the main narratives with overheard conversations and snippets from letters and documents that bring two entirely different worlds — the frozen Arctic and busy Victorian London — alive.
- ***Orphan Ahwak*** by Raquel Rivera; Orca Books [MS, SS]  
Aneze, a young Aboriginal girl, is left for dead after her village is ripped apart by a wife-raid; her father and brother are killed and her mother is kidnapped. Aneze is the only survivor. She renames herself Orphan Ahwak as she struggles to survive on her own, first in the forest and then in a remote world of tundra and sea-ice. She endures cold and hunger and befriends people whose customs are completely foreign to her. Through it all she remains determined to become a hunter and to find a place in an often hostile and terrifying world.
- ***Polar Bears Past Bedtime (Magic Tree House #12)*** by Mary Pope Osborne and Sal Murdocca (illus); Random House Books for Young Readers [ES]  
The Magic Tree House transports Jack and Annie to the freezing Arctic. There, they must solve the final riddle to become master librarians. But it's not going to be easy--especially when they have cracking ice, a seal hunter, and a prodigious polar bear to deal with. Will they be able to solve the riddle before they get iced themselves?
- ***The Screech Owl's Northern Adventure*** by Roy MacGregor; Screech Owls Press [ES, MS]  
This is the third book in the *Screech Owls* series and takes Travis and his hockey teammates to James Bay to play in the First Nations Pee wee Hockey Tournament. They get the chance to stay with local native families, eat traditional food, travel by Ski-Doo, and experience what life in the North is all about but freezing to death all alone in the bush, with a storm howling and the dreaded Trickster stalking the night? No one had asked the Screech Owls how they felt about that!
- ***The Snow Walker*** by Farley Mowat; Stackpole Books [MS, SS]  
Central to Farley Mowat's writing is his quest to understand the often-forgotten native people of the vast arctic wilderness. In this moving collection of short stories, he allows the voice of the people, the adventures, and the land to come through. Stories of survival and courage, of superstition and fate, of uncompromising loyalty to family and tribe are presented here, offering a vivid portrait of a people whose existence is often beyond the comprehension of modern man.
- ***Sun and Moon, Ice and Snow*** by Jessica Day George; Bloomsbury [MS, SS]  
With an ability to understand animals, the Lass (the unnamed 9<sup>th</sup> daughter of a woodcutter) has always been a bit odd. When a polar bear promises that her family will become rich if only she accompanies him to his castle, she doesn't hesitate. The bear, however, and his castle are not what they seem. Only a grueling journey on the backs of the four winds will reveal the truth: the bear is really a prince who's been enchanted by a troll queen and the Lass must come up with a way to free him before he's forced to marry a troll. Re-telling of the Norwegian fairy tale "East of the Sun, West of the Moon".
- ***The Terror*** by Dan Simmons; Little, Brown and Company [SS]  
This is a haunting and constantly surprising story based on historical events relating to the 1845 Franklin Expedition. The men on board *HMS Terror* have every expectation of triumph as one of the first steam-powered vessels ever to search for the Northwest Passage. However, as they enter a second summer in the Arctic Circle without a thaw, they are stranded in a nightmarish landscape of encroaching ice and darkness. 126 men struggle to survive but their real enemy is far more terrifying. There is something out there in the frigid darkness: an unseen predator stalking their ship, a monstrous terror constantly clawing to get in. When Sir John Franklin meets a terrible death, Captain Francis Crozier takes command and leads his surviving crewmen on a last, desperate attempt to flee south across the ice but fear that there is no escape.
- ***Trapped in the Arctic : Exploring the Frozen North (Adventures in Canadian History #11)*** by Pierre Berton; McClelland & Stewart [ES, MS, SS]  
This is an easy-to-read non-fiction account of Robert John McClure's successful search for the Northwest Passage --a good choice for pre-teen and young teenage readers. Nothing obsessed Victorian era explorers more

than the idea of a seaway from the Atlantic to the Pacific—the North West Passage. Thousands searched for it in the icy maze of Canada's Arctic islands though their hopes and dreams were often crushed by the brutal cold of the Arctic. Note: This novel is one in a series of accessible, fast-paced non-fiction narratives aimed at pre-teen and young teenage readers written by one of Canada's most popular historians. The 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> books in the series — *Parry of the Arctic*; *Jane Franklin's Obsession*; and *Dr. Kane of the Arctic Seas* — are also recommended.

- ***Trouble at the Top of the World*** by Roy MacGregor; Screech Owls Press [ES, MS]  
Global warming, conservation, the exotic Arctic — topics that kids are interested in and can get excited about — make this latest addition (the 22<sup>nd</sup>) to the bestselling novel series a winner.
- ***Tuk and the Whale*** by Raquel Rivera and Mary Jane Gerber; Groundwood Books [ES, MS]  
During the early 1600s, the whaling industry in Canada was prosperous. Told from the point of view of a young Inuit boy named Tuk, this story imagines what might have happened if the people of Tuk's Baffin Island winter camp had encountered European whalers, blown far from their usual whaling route. Prizing the bowhead whale for different reasons, together they set out on a hunt though they are all on new and uncertain ground. Scrupulously researched and vetted, this early chapter book inspires discussion about communication between two groups of people with entirely different world views, early whaling practices, and a productive partnership that also foreshadows serious problems to come.
- ***Whiteout*** by James A. Houston; Greey de Pencier Books [MS, SS]  
A city teenager is in trouble with the law and is sent by his mother and the courts to live with his crusty old uncle at a Hudson's Bay Company outpost on Baffin Island. There he teaches music and gains the respect of his uncle who controls his inheritance. Befriended by the company clerk, he begins to develop ties with the Inuit and his nightly music lessons soon become jam sessions for native music. Then a romance with a young Inuit begins but nature intervenes and puts their very lives in peril. Their attempt to deal with an Arctic whiteout makes for a spellbinding tale. Note: Three of Houston's previous works (*Tikta'liktak*, *The White Archer*, and *River Runners*) won the Canadian Library Association's Book of the Year for Children Award. Houston has also won two Canadian Authors Association Awards.
- ***Yuit*** by Yvette Edmonds; Napoleon Publishing [MS]  
This juvenile novel is set in the mid-20th century, a time when many Inuit turned away from traditional life and adopted modern ways. Liak is a courageous ten year-old Inuit girl who talks her grandfather into letting her adopt an orphaned albino seal pup that she names Yuit but the shaman banishes Liak and her pup from the community for offending the Sea Goddess Nuliajuk. Liak's adventures lead her eventually to the new life she has dreamed about and a chance to attend school.

### Youth Non-Fiction (55)

- ***Aboriginal Peoples of Canada: A Short Introduction*** by Paul Robert Magocsi; University of Toronto Press [SS]  
This book provides a comprehensive overview of Canada's indigenous peoples. Drawn from the highly successful *Encyclopedia of Canada's Peoples*, it offers extensive coverage of the many First Nations tribes as well as the Inuit peoples of the Arctic and subarctic.
- ***Ada BlackJack: A True Story of Survival in the Arctic*** by Jennifer Niven; Hyperion. [SS]  
Jennifer Niven documents the remarkable true story of a young Inuit woman who was the sole survivor of an ambitious polar expedition. Only on one occasion did she speak of the experience despite attention from the press worldwide so the author takes full advantage of the wealth of first-hand resources about Ada, including her never-before-seen diaries, the unpublished diaries from other primary characters, and interviews with Ada's surviving son.
- ***All About the Arctic and Antarctic (All About Books #20)*** by Armstrong Sperry; Random House Books [ES, MS]  
With maps and dozens of illustrations to supplement the text, this book provides a scientific report of weather conditions, rock and land formations, ocean currents, and plant and animal life at the North and South Pole. The facts are amazing. The overall story is one that will be fascinating to readers of all ages.
- ***The Amerindians & Inuit of Quebec: Eleven Contemporary Nations*** Government of Quebec Publications [MS, SS]  
This 32-page government publication provides a profile of the aboriginal peoples of Quebec. It defines who they are, their culture and community life, political organization, governance and claims as well as economic vitality and major milestones.

- ***Ann Bancroft: On Top of the World*** by Dorothy Wenzel; Dillon Press, Inc. [MS]  
This 63-page biography introduces the first woman to travel to the North Pole by dogsled. Bancroft's athletic abilities, courage, determination, and experience in mountain climbing and wilderness camping made her a good choice for the 1986 expedition sponsored by the National Geographic Society and led by Will Steger, whose own *North to the Pole* (Time Books, 1987) tells the story for adults. This book also describes some of Bancroft's adventures, her early life, and her difficulties in coping with dyslexia. Ann Bancroft is a role model for girls, students with learning disabilities, and aspiring adventurers.
- ***Arctic & Antarctic (DK Eyewitness Books)*** by Barbara Taylor and Geoff Brightling (photos); Dorling Kindersley [ES, MS]  
Enter the faraway world of the Earth's frozen poles and learn about amazing human, animal and plant life that thrives at subzero temperatures--from a 4,000-year-old Eskimo tribe to king penguins, who dive deep into frigid seas filled with icebergs the size of Massachusetts.
- ***The Arctic Gold Rush: The New Race for Tomorrow's Natural Resources*** by Roger Howard; Continuum [SS]  
Intended for adult audiences, this book offers a captivating exploration of the political significance of the Arctic's vast untapped wealth of natural resources, and a gripping account of the race to exploit them.
- ***Arctic Explorers: In Search of the Northwest Passage (Amazing Stories)*** by Frances Hern; Heritage House [ES, MS]  
No saga in Canadian history is as full of hardship, catastrophe and mystery as the search for the Northwest Passage. Since the 15<sup>th</sup> century, the ice-choked Arctic waterway has been sought and travelled by daring men seeking profit, glory or a chance to test themselves against the merciless North. Students can come aboard ships with the explorers whose names are memorialized on modern maps of northern Canada: Martin Frobisher; Henry Hudson; John Franklin; John Rae; Roald Amundsen; and the incredible voyages of Henry Larsen, captain of the RCMP icebreaking vessel *St. Roch*. Also vividly recounted are the grueling overland treks of Samuel Hearne.
- ***The Arctic Land (Arctic World)*** by Bobbie Kalman; Crabtree Publishing [ES, MS]  
Written with the assistance of native peoples to eliminate stereotypes, these full-color books explore the wildlife and landscape of the north, its communities, customs and people. Hundreds of breathtaking photographs show the exciting life that flourishes at the top of the world, across Canada, Greenland, Lapland, Siberia and Alaska! Thorough research, diagrams, maps, and descriptive illustrations help make these the finest children's books available on the Arctic. This one focuses on the physical world of the Arctic, explores weather patterns, sea formations, arctic resources and the dangers of pollution. A special section profiles the Native Peoples who live at the top of the world.
- ***Arctic Memories*** by Normee Ekoomiak; NC Press [ES, MS]  
Normee Ekoomiak is an Inuk (Eskimo) who grew up in the James Bay area of Northern Arctic Quebec. He presents personal vignettes of his youth with extended captions that portray authentic depictions of the everyday life of a mostly extinct culture. The text is in English and Inuktitut.... He describes games Inuit play, ice fishing, lifestyle (hunting, trapping, fishing, but now through art), and how they made iglus in the long, dark, cold Arctic winters and then seal skin tents in warmer weather. He explains their religious beliefs which are based on nature...[and]...ancient myths and curses that he believes to be true....At the end there is an author's note describing the history of the Inuit, the language, and their art....I found this book to be fascinating. – Nancy at [http://www.goodreads.com/book/show/2323726.Arctic\\_Memories](http://www.goodreads.com/book/show/2323726.Arctic_Memories) (BIO)
- ***Arctic Peoples (Make it Work! History)*** by Andrew Haslam and Alexandra Parsons; Stoddart /Two Can Publishing [ES, MS]  
Children reach a deeper understanding of historical peoples by participating in the activities that shaped their lives. This hands-on series lets them discover history with projects, facts, photographs, costumes, and maps. Tested projects reinforce traditional lessons and research. A powerful, graphic style combines with informative, sensitive text in this 64-page book.
- ***The Arctic: Seas and Oceans*** by Pat Hargreaves; Wayland [MS]  
This book offers an introduction to the Arctic Ocean: its formation and exploration; movements of currents, winds, and icebergs; marine animals; and the life of the people who live on its shores.
- ***The Big Book of Canada: Exploring the Provinces and Territories*** by Christopher Moore and Bill Slavin (illus); Tundra Books [ES, MS]  
From Newfoundland to British Columbia to Nunavut, this book explores the provinces and territories that are Canada. Students will discover the majestic landscapes, resourceful people, and unique events that have shaped Canada and those who call it home.

- ***The Canadian: Arctic Inuit (Grades 2-3)***; S & S Learning Materials [ES]  
This workbook-like publication offers a unit of material—including short readings, vocabulary, puzzles, activities—that explores the culture of the Inuit and the geography of the Arctic.
- ***The Conquest of the North and South Poles: Adventure of the Peary and Byrd Expeditions (Landmark Books #27)*** by Russell Owen and Lynd Ward (illus); Random House [MS, SS] Written in the 1950's and 60's, this series offers in-depth stories for youth in the 9-15 year-old range and are now considered collectibles. This book is still a great read for those interested in learning about the polar expeditions that opened the Arctic and Antarctic to modern adventurers.
- ***Dangerous Work: Diary of an Arctic Adventure*** by Arthur Conan Doyle; Jon Lellenberg and Daniel Stashower (eds); University of Chicago Press [SS] In 1880 a young medical student named Arthur Conan Doyle embarked upon the “first real outstanding adventure” of his life, taking a berth as ship’s surgeon on an Arctic whaler, the *Hope*. The voyage showered him with dramatic and unexpected experiences and plunged him into dangerous work on the ice floes of the Arctic seas. As he wrote later, he “came of age at 80 degrees north latitude.” Conan Doyle’s time in the Arctic provided powerful fuel for his growing ambitions as a writer and he would call upon his shipboard experiences many times in the adventures of Sherlock Holmes, who was introduced in 1887’s “A Study in Scarlet”. This book draws on the long overlooked diary that Conan Doyle kept while aboard the whaler and reproduces Conan Doyle’s notebook pages in his own elegant hand, accompanied by his copious illustrations. With humor and grace, Conan Doyle provides a vivid account of a long-vanished way of life at sea. Photos and two non-fiction pieces by Doyle about his experiences and two of his tales inspired by the journey are included.
- ***Exploring the Canadian Arctic*** by various authors; Weigl [ES, MS]  
Do not be deceived by these light, thin books, for between their covers these titles contain a wealth of information about Canada’s North for students in Grades 5-7. The four titles below not only discuss the geography, climate, wildlife, industries and people of the area “north of 60” but also make readers aware of current challenging issues. Each title has 14 chapters as well as a 10-question quiz. “Check This Out” boxes provide URLs for websites related to the topic while charts compare life in the north long ago to present-day conditions. Brief, firsthand accounts are provided by explorers, scientists and others while several topics have special related features. As well, each book presents a different issue for readers to ponder. A table of contents, a glossary, an index and a list of books and websites for further research are also included.
  - ***The Northern Environment*** by Heather Kissock and Leia Tait  
This book introduces readers to the area north of 60° latitude which covers 40% of Canada’s total land mass and is the world’s largest archipelago. This area consists of mountains, polar sea ice, glaciers, and landforms such as pingos, cirques and tors. Environmental concerns have threatened this fragile habitat and offers a scientific explanation of how global warming is affecting the Arctic, giving several examples. It also includes the Aboriginal people’s response to the environmental crisis. Rankin Inlet, for example, has increased use of wind turbines and solar energy. A chart compares ice coverage, land development and temperature from the mid-1970s to the present while an activity at the back of the book is designed to show readers how permafrost works.
  - ***Northern Industries*** by Heather C. Hudak  
Beginning with a brief history of northern exploration whose original purpose was to locate the Northwest Passage, this book shifts to modern times. With the melting of the polar ice cap in recent years, the shipping route has widened, and this has factored heavily in the dispute among the U.S., Europe and Canada over proprietary claims, even though Canada has declared sovereignty over the area. The discovery of oil, gas, diamonds, emeralds, gold and other minerals in the North has led to land development which reduces native hunting grounds. This has forced Aboriginal groups to stake land claims for greater control over northern development. Other topics include eco-tourism, the issue of the seal hunt, and the formation of cooperatives by Inuit artists who produce traditional arts and crafts.
  - ***People of the North*** by Heather Kissock & Audrey Huntley  
About 100,000 people live in Canada’s North, with Aboriginals representing between 25 and 85% of the population, depending on the area. Following a brief history of the migration of the early nomadic peoples who first lived in the Arctic, this book contains information about the northern lifestyle which is a blend of old and new. At issue, however, are the damaging effects of industry on the environment and the preservation of Aboriginal languages and traditional ways. A chart compares modern versus traditional ways in terms of language, religion, housing and water and winter travel, while a double-page spread features several native groups- the Inuit, Métis, Gwich’in, Dene, Tlingit and the Northern Tutchone. Readers can also learn to say half a dozen words in Inuktitut.

- ***Plants and Animals of the North*** by Heather C. Hudak  
This book describes the North's three major biomes- the Arctic tundra, the boreal forest and the polar seas. Illustrations in this book include a map indicating the different biome areas and a diagram depicting three different food chains, one for each of the biomes. Examples of physical and behavioral adaptations that help plants and animals to survive in this harsh environment are provided. As is typical of the titles in the series, this book describes the problems of habitat loss due to human activity, such as land development projects, global warming and pollution. Because the thickness of the polar ice has been reduced by 30%, walrus can't find ice to support their weight. Endangered animals include the beluga whale, whooping cranes and Peary Caribou. Eight wildlife sanctuaries are listed along with a short list of facts about each one. At the back of the book is an experiment which can be done at home using common household items.
- ***Exploring The North Pole: The Story Of Robert Edwin Peary And Matthew Henson (Monumental Milestones: Great Events of Modern Times)*** by Josepha Sherman; Mitchell Lane Publishers [ES, MS] The Arctic is almost always bitter cold, with temperatures that can go far below -50°F and be in total darkness for four months out of a year. Terrible storms sweep across the ice and snow, and great crevasses, perilous openings in the ice, can swallow the unlucky traveler. By the early 1900s, many expeditions had tried to reach the farthest point north, the North Pole, but all of them failed and many explorers died. Tales spread that no one could reach the North Pole...the land was cursed. But in the early 20<sup>th</sup> century, two Americans, Robert Peary and Matthew Henson, were determined to do what no one had ever done—reach the North Pole.
- ***Fatal Passage*** by Ken McGoogan; Basic Books [SS]  
John Rae's accomplishments, surpassing all nineteenth-century Arctic explorers, were worthy of honors and international fame. No explorer even approached Rae's prolific record: 1,776 miles surveyed of uncharted territory; 6,555 miles hiked on snowshoes; and 6,700 miles navigated in small boats. The author vividly narrates the astonishing adventures of Rae, who found the last link to the Northwest Passage and uncovered the grisly truth about the cannibalism of Franklin and his crew. Yet, he was denied fair recognition of his discoveries because of a bitter smear campaign by Franklin's supporters would deny Rae his knighthood and bury him in ignominy for over one hundred and fifty years. McGoogan's passion to secure justice for a true North American hero in this revelatory book produces a completely original and compelling portrait that elevates Rae to his rightful place as one of history's greatest explorers.
- ***Give Me My Father's Body: The Life of Minik, the New York Eskimo*** by Kenn Harper; Washington Square Press [SS]  
The renowned Robert E. Peary, long celebrated as an icon of modern exploration, used the Eskimos of northwestern Greenland as human resources for his expeditions. Sailing aboard a ship called *Hope* in 1897, Peary entered New York harbor with six Eskimos as his cargo and deposited them with the American Museum of Natural History as live "specimens" to be poked, measured, and observed by the paying public. Four died within a year and one managed to gain passage back to Greenland. Only the sixth, a boy of six or seven with a precociously solemn smile, remained, orphaned and adrift in a bewildering metropolis. His name was Minik. Here, a century after the fact, is his story. Kenn Harper's book is an absorbing, intricately documented account of ruthless imperialism in the name of science, of cruel deceptions and false burials, and of the short, strange, and tragic life of the boy known as the New York Eskimo.
- ***The Haida and the Inuit: People of the Seasons (Explorations – A Canadian Social Studies Program for Elementary Schools)*** by Heather Smith Siska and Ian Bateson (illus); Douglas & McIntyre [ES] This is a proscribed classroom text in BC. The authors wisely focus on two very interesting and distinctive peoples in order to demonstrate how physical environments create unique cultures. Some historical and geographic facts are formally presented, but most are learned by osmosis as we follow the daily lives of two lively pre-adolescents. The textbook is beautifully designed and profusely illustrated with photographs and drawings that will be sure to maintain interest. Glossaries, subject indexes, and pronunciation guides will help with assignments. A 371-page manual includes both philosophical background information and many specific suggestions concerning approaches to particular lessons. [See also related lesson plan on page 19.]
- ***Henry Hudson Seeking the Northwest Passage*** by Carrie Gleason; Crabtree Publishing Co. [ES, MS]  
In the early 1600s, England was among the many countries in search of a northern passage to trade with the Far East. After many explorers failed, Henry Hudson was asked to try. This fascinating new book describes Hudson's exciting voyages and the many hardships he encountered, from becoming frozen in ice to the eventual mutiny of his crew. Features include a map of Hudson's routes; Hudson's discoveries of Hudson's Bay, Greenland, and the Hudson River; and information about the Hudson's Bay Company and the fur trade.

- ***Houses of Snow, Skin and Bones: Native Dwellings, the Far North*** by Bonnie Shemie; Tundra Books [ES, MS]  
A look at the fascinating shelters that Native communities in the Far North built, using only materials their environment provided: snow, stone, sod, skin, bones, and any driftwood picked up along the shores. Black-and-white and color drawings show the tools used, and how the snow house, the quarmang, the Alaskan sod-house, and the tent or tupiq were built. And of course, there's information on the classic snow igloo which could be constructed in a few hours for emergency shelter.
- ***The Ice Master: The Doomed 1913 Voyage of the Karluk*** by Jennifer Niven; Hyperion [SS]  
The *Karluk* set out in 1913 in search of an undiscovered continent with the largest scientific staff ever sent into the Arctic. Soon after winter began, they were blown off course by polar storms and the ship was imprisoned in ice. The expedition was abandoned by its leader and, hundreds of miles from civilization, the castaways had no choice but to find solid ground as they struggled against starvation, snow blindness, disease, exposure and each other. After almost a year battling the elements, 12 survivors were rescued thanks to the heroic efforts of their captain, Bartlett, the Ice Master, who traveled by foot across the ice and through Siberia to find help. Drawing on historical diaries of those who were rescued and those who perished, there is astonishing accuracy to this historically based story.
- ***Igloovik: An Inuit, or Eskimo Boy*** by Thomas G. Low; Harvey Island Enterprises [ES, MS]  
Igloovik is an exciting, unique, fast-moving story about a boy who is not only a great hunter, but also becomes one of the best long-distance runners in America. The story centers around Igloovik and his beautiful younger sister Sheena, their family, the people of the village, and Rose and Rolly, two Americans they encounter. Igloovik will eventually go south to seek fame and fortune under one of the best running coaches in North America. The small village of Arctic Bay via Inuvik will be placed on the map of the world as the home of a very famous runner ... but that is another story! Available for order at <http://www.boatdocking.com/tgLow/TGLowStories.html>
- ***Inuit (Threatened Cultures)*** by Bryan and Cherry Alexander; Hodder Wayland Childrens [ES, MS]  
This book examines the current situation of the Inuit by looking at their past and their present relationship with. Their continuing struggle to preserve a traditional way of life and to maintain their cultural identity in the modern world is the focus (part of the Threatened Cultures series).
- ***The Inuit (A True Book)*** by Andrew Santella; Children's Press [ES]  
Ideal for today's young investigative reader, the book includes lively sidebars, a glossary and index, plus a comprehensive "To Find Out More" section listing books, organizations, and Internet sites. This series has been a staple of elementary school library collections since the 1950s.
- ***The Inuit of Canada*** by Danielle Corriveau; Lerner Publications [ES, MS]  
Taking an in-depth look at distinct aboriginal cultures, these comprehensive volumes balance information about both traditional and modern life of the Inuit. The text supports the NCSS curriculum standards.
- ***The Inuit: Ivory Carvers of the Far North*** (America's First Peoples) by Rachel A. Koestler-Grack; Blue Earth Books [ES, MS]  
Through beautiful paintings and photography, this 32-page book brings young readers into the unique cultures of American Indian tribes and nations and explores and supports National Center for History in the Schools and National Council for the Social Studies standards.
- ***The Inuit Thought Of It: Amazing Arctic Innovations (We Thought Of It)*** by Alootook Ipellie and David MacDonald; Annick Press [ES, MS]  
The ingenuity of the Inuit helped them survive the harsh Arctic landscape for hundreds of years. Some inventions, like the kayak which retains its Inuit name, are familiar. Others have been modernized such as the slitted snow goggles that protected Inuit eyes long before sunglasses arrived on the scene. Other ideas were surprisingly inspired such as using human-shaped stone stacks (Inunnguut) to trick and trap caribou. In all, more than 40 Inuit items/ideas are showcased.
- ***The Inuksuk Book = Inuksungnu*** by Mary Wallace; Owl Books [ES, MS]  
This book offers a fresh glimpse into the culture, customs, and ingenuity of the Inuit by examining the symbolic information revealed in the inuksuk. Located throughout the Far North, inuksuit are stone structures that communicate knowledge essential for Arctic survival. Through the collective wisdom of Inuit elders and noted experts, archival photography, and the author's own exquisite silk paintings, the reader is introduced to the ten major types of structures and is shown how they have provided travelers with information on location, danger spots, food storage, hallowed land, and hunting grounds.

- ***The Kids Book of the Far North*** by Ann Love and Jane Drake; Kids Can Press [ES]  
The Arctic is a region shared by Canada, the U.S. (Alaska), Russia, Denmark (Greenland), Norway, Iceland, Sweden and Finland and is home to many plants, animals and people who have developed remarkable ways of adapting to one of the harshest climates on Earth. This book examines the region's fascinating history, modern life and fragile ecosystem with facts, stories, legends, illustrations, timelines and maps.
- ***The Land Is Our Storybook*** by Mindy Willett and Tessa Macintosh (Photos); Fifth House (Fitzhenry & Whiteside) [ES, MS]  
This series works well in Canada for teaching about modern Aboriginal communities because "about the diverse lands and cultures of Canada's Northwest Territories. In the books, storytellers, Elders, and cultural leaders from different language groups share real stories of everyday life in the North today." Mindy Willett worked with indigenous co-authors from ten regions in the NWT to capture real stories. Each book uses a child-centered approach to highlight each official Aboriginal language group and celebrate the seasons, ages, genders, traditional activities, and communities of the NWT.
  - **#1: *The Delta Is My Home / Ehditát shanankat t'agoonch'uu Uvanga Nunatarmuitmi aimayuaqtunga*** with Tom McLeod  
Tom McLeod is an eleven-year-old boy from Aklavik who is a gifted storyteller heard frequently on CBC Radio North. He is of mixed cultural heritage-Gwich'in and Inuvialuit. Tom tells us why his home in the Mackenzie Delta is a special place and why he loves to live on the land. He describes how his town floods in the spring and why he loves "ratting" (trapping muskrats) and hunting "black ducks" (white-winged and surf scoters) in the Delta. Readers will learn why these ducks are decreasing in number and how and why they are important to Tom and his people.
  - **#2: *We Feel Good Out Here / Zhik gwaa'an nakhwatthajjitat gwiinzii*** with Julie-Ann André  
Julie-Ann André is a "Gwichya Gwich'in" from Tsiigehtchic in the NWT. She is a Canadian Ranger, a mother of twin daughters, a hunter, a trapper, and a student. She shares her family's story and the story of her land-"Khaili luk," the place of winter fish. As Julie-Ann says, "The land has a story to tell, if you know how to listen. When I travel, the land tells me where my ancestors have been. It tells me where the animals have come and gone, and it tells me what the weather may be like tomorrow."
  - **#3: *Living Stories: Godi Weghàà Ets' eèda*** with Theresa Zoe  
Theresa Zoe is a Tlicho woman from Gamètì in the NWT who is a community health representative, mother and grandmother as well as a champion of ancestral skills and stories. She translates the sacred stories and traditional wisdom of her elder brother-in-law, Philip Zoe, and his sister, Elizabeth Chocolate. Join Tlicho youth as they learn about making dry-fish, bows and arrows, and birch-bark baskets; the practices of old-time healers; as well as the sacred stories that tell the history of their people. Some have never been written down before and are a gift to be used wisely.
  - **#4: *Come and Learn With Me / Éwo, séh Kedjijh*** with Sheyenne Jumbo  
The 4<sup>th</sup> book in the series features the Dehcho region of the Dene. Nine-year-old Sheyenne lives in Sambaa K'e, Northwest Territories (Trout Lake) and she takes readers on a journey to her community during moose season.
  - **#5: *Proud to be Inuvialuit / Quviahuktunga Inuvialuugama*** with James Pokiak  
James Pokiak is proud to be Inuvialuit, which means "real people." They are the most westerly Canadian Inuit. He lives in the hamlet of Tuktoyuktuk, NWT, which is above the Arctic Circle on the shore of the Arctic Ocean. This book features James and others in this traditional Beluga whale-hunting community who respect and conserve the Beluga whale population while also relying on it for food, tools, and sense of real community connectedness.
  - **#6: *The Caribou Feed Our Soul / ?étthén bet' á dághiddá*** with Pete Enzo  
Pete Enzo (a Chipewyan Dene from Lutsel K'e, Northwest Territories) helps guide readers on a respectful caribou harvest. Along the way, he shares creation stories about how his people are descendants of the caribou. He describes the spiritual areas his community is trying to protect, including Thaidene Nene, which means "land of our ancestors." Pete's stories help us understand the rich history of the Chipewyan Dene and their relationship with the caribou today.
  - **#7: *At the Heart of It: Dene dzó t'aré*** with Raymond Taniton  
Raymond Taniton is Sahtugot'ine, which means "people from the Sahtu" (Great Bear Lake). He lives in Deline, NWT, on the shore of Sahtu, Canada's largest and most pristine lake. A former chief, he is one of his community's many gifted leaders. He shows how to make a traditional Dene drum and explains why traditions are important. He also introduces readers to Dene spiritual, political, and traditional leaders and explains why Deline is a leader in the NWT in terms of healthy places, people, and land (as they have never given up their right to look after and govern themselves).

- ***Life in the Far North (Native Nations of North America)*** by Bobbie Kalman and Rebecca Sjonger; Crabtree Publishing [ES, MS]  
This book focuses on: traditions and ceremonies; how the frigid climate impacts daily life; how dwellings, such as snow houses, are built; how the arrival of Europeans changed the Inuit way of life. A glossary and index are offered at the end.
- ***Make Your Own Inuksuk*** by Mary Wallace; Maple Tree Press [ES, MS]  
In the Arctic, the inuksuk is a stone structure that acts as a messenger to passing travelers. This book provides gardeners (and students) with a myriad of ideas to express their own personal messages in meaningful locations of their own. Chapters include construction, choosing adhesives, selecting stones, wind and weather, communicating the message, and strength. The full-color book engages and stimulates with quotes from elders, facts on Inuit culture, the importance of inuksuk, and their significance today. Note: Schools have had students build and sell inuksuit within their communities to fundraise!
- ***Northern Kids (Courageous Kids)*** by Linda Goyette; Brindle and Glass Publishing [ES, MS, SS]  
Northern Kids is a collection of tales about the unforgettable young people of the Yukon, Northwest Territories, Nunavut, and remote regions of the western provinces. Based on personal interviews and thorough archival research, each true story is narrated in the voice of a young northerner. Travel along with these kids as they hunt for caribou or hidden gold, mush a dogsled team, climb over the Chilkoot Pass, float down the Yukon River on a homemade raft, and explore the Arctic tundra through every season. While Northern Kids celebrates the independent spirit of young northerners—their wilderness skills, sense of humor and love of fun—it also takes an unflinching look at their hardships. At the end of each story, a section called "What do we know for sure?" offers the reader detail and historical context.
- ***Nunavut (Hello Canada)*** by Lyn Hancock; Fitzhenry & Whiteside [ES, MS]  
This colorful book is an insightful and entertaining introduction to Nunavut and its people, culture, geography, history and economy. The easy-to-read text is complimented by photographic tours of Canada's newest territory.
- ***Over The Top of The World*** by Will Steger and Jon Bowermaster (photos); Scholastic [ES, MS]  
Join world-renowned polar explorer Will Steger as he travels by dogsled over the North Pole to record ecological changes in the Arctic. This authentic, day-to-day narrative retells the seven-person team's harrowing experiences, from surviving in temperatures that plunged to minus 70 degrees Fahrenheit to accidental plunges into the freezing water.
- ***People of the Ice: How the Inuit Lived (How They Lived)*** by Heather Smith Siska and Ian Bates (illus); Firefly Books [ES]  
This book is one of the titles in a children's series. Of note is that the "past" for the Inuit, is really not that long ago!
- ***The Secret Life of a Snowflake: An Up-Close Look at the Art and Science of Snowflakes*** by Kenneth Libbrecht; Voyageur Press [ES]  
Before a snowflake melts on your tongue, it makes an epic journey. This is the beautiful, full-color story of that journey, from a single snowflake's creation in the clouds, through its fall to earth, to its brief sparkling appearance on a child's mitten. Told by a Caltech scientist who knows snowflakes better than almost anyone, the story features photographs of real snowflakes, snowflakes forming in the author's lab, water evaporating, clouds developing, ice crystals, rain, dew, and frost—all the elements of the world and weather that add up, flake by flake, to the white landscape of winter.
- ***The Shaman's Nephew: A Life in the Far North*** by Simon Tookoome with Sheldon Oberman; Stoddart Kids [ES, MS]  
Simon Tookoome was one of the last Inuit forced off the land in the 60s. This book contains stories and drawings from his memories of his family's traditional way of life, including the transition to life in the "modern" world. A simple, beautiful and instructive book. – Bradley at [http://www.goodreads.com/book/show/1386384.The\\_Shaman\\_s\\_Nephew](http://www.goodreads.com/book/show/1386384.The_Shaman_s_Nephew) (BIO).
- ***Through the Eyes of the Vikings: An Aerial Vision of Arctic Lands*** by Robert Haas; National Geographic Society [ES, MS, SS]  
Using aerial photography, Haas trains his lenses on the regions that transect the Arctic Circle. His stunning images show not a "blinding storm of white" as one might think but rather a dramatic and surprising diversity of brilliant colors and unexpected subjects. Over a three-year period, he captured imagery that reflects three key elements of the region: Arctic landforms, iconic wildlife, and the footprint of man. This book strives for and succeeds in producing a visual record that will reshape ideas of what the Arctic has to offer and why we should protect it.
- ***Unsolved Mysteries of the Arctic*** by Vilhjalmur Stefansson; Ayer Company [MS, SS]  
A famous explorer tries his hand at unravelling some of the great question marks in the history of the Arctic, including the fate of the Levanevsky aerial expedition.

- **Who Needs an Iceberg?** by Karen Patkau; Tundra Books [ES, MS]

This is the first of three books in Tundra's important new ecosystems series. Each title celebrates the world's diversity by presenting a different ecosystem: its land and water, its animals and plants. The art is brimming with creatures and ecological features, described in fact-filled notes at the end of each book and in a useful glossary and map.

- **Wood Song** by Gary Paulsen; Bradbury Press [MS, SS]

Gary Paulsen, three-time Newbery Honor author, is no stranger to adventure. He has flown off the back of a dogsled and down a frozen waterfall to near disaster, and waited for a giant bear to seal his fate with one slap of a claw. He has led a team of sled dogs toward the Alaskan Mountain Range in an Iditarod -- the grueling, 1,180-mile dogsled race -- hallucinating from lack of sleep, but he determined to finish. Here, in vivid detail, Paulsen recounts several of the remarkable experiences that shaped his life and inspired his award-winning writing.

### Film/Video Productions (21)

**Key:** ES = Appropriate for Elementary School Use; MS = Appropriate for Middle School Use; SS = Appropriate for Secondary School Use

- **An Inuit Education: Honouring a Past, Creating a Future (CBC Digital Archives)** [MS, SS]

<http://www.cbc.ca/archives/categories/society/education/an-inuit-education-honouring-a-past-creating-a-future/topic---an-inuit-education-honouring-a-past-creating-a-future.html> While Inuit parents were being moved from igloos to houses in the 1950s, their children were being assimilated into the Canadian education system. In the worst cases, children were taken from their families, harshly disciplined, and stripped of their culture. Only over the past 25 years have the Inuit been permitted a voice to determine education. After so many years of feeling marginalized, the Inuit today are a people trying to correct the damage. Browse the menu to discover nine television clips and four radio clips available on the topic.

- **Arctic Climate Perspectives** [SS] <http://www.teachersdomain.org/resource/echo07.sci.life.coast.climate>

This video, adapted from material provided by the ECHO partners, shows the changes now happening in Barrow, Alaska, due to global warming. The Iñupiaq people who live in Barrow present their observations of these changes based on their centuries-old knowledge of their environment, and describe how these changes are already affecting their lives. Scientists who have come to Barrow to study climate change also offer their perspective.

- **Arctic Mission** [ES, MS, SS] [www.nfb.ca](http://www.nfb.ca)

The NFB has packaged a series of five films that show a scientific and filmmaking expedition through the Arctic, investigating the effects of global warming on the people and animals of the North. Also available separately, for free, at <http://www3.nfb.ca/aventures/sedna/arcticmission/index.html> are 26 video clips, 789 photos, 21 scientific articles, 150 entries in the mission leader's and SEDNA's logs, and 27 360-degree panoramic images - including a virtual tour of the 51 m sailboat's quarters. Relive the expedition via the interactive map, learn about the passionate crew, and the 5 extraordinary documentaries shot entirely on HD and much more.... See also related Teacher's Guide on page 19 for students aged 9-12.

- **Atanarjuat, The Fast Runner** – Isuma Productions [SS] <http://www.isuma.tv/fastrunnertrilogy>

This is award-winning is the first film in a unique set of Inuit films that express the dramatic history of one of the world's oldest oral cultures from its own point of view. It is available via on Demand (VOD). According to NY Times film critic, A.O. Scott (2002), the film is "a masterpiece." [NB: The film involves nudity and not recommended for classroom viewing.]

- **Breaking the Ice: Canada and the Northwest Passage** [ES, MS, SS]

<http://www.cbc.ca/archives/categories/economy-business/transport/breaking-the-ice-canada-and-the-northwest-passage/breaking-the-ice-canada-and-the-northwest-passage.html>

A series of episodes dealing with the Northwest Passage and the Arctic are available in CBC's digital archives, including: "The northern quest begins" (Exploration); "This is our country" (Arctic sovereignty); "The Polar Sea controversy" and more.

- **Climate Change 101** (Podcast Series) [SS] <http://itunes.apple.com/podcast/pew-center-on-global-climate/id437917753>

This is a significant audio resource for senior students interested in climate change. The series of 11 podcasts includes the "primer" cited above but also interviews and explanations by leading authorities. [Note: This site is run by the Center for Climate and Energy Solutions (C2ES), an independent non-profit, non-partisan organization promoting strong policy and action to address the twin challenges of energy and climate change.]

- Explorers 2** [MS, SS] <http://www.nfb.ca>  
 This boxed set includes 4 titles about the exploration of Eastern Canada and the Arctic. *John Cabot: A Man of the Renaissance* is about how the Italian adventurer, sailing under the British flag, became the first European to set foot on mainland North America. In *Samuel de Champlain (Quebec 1603)*, drawings recreate Champlain's career as explorer, colonizer, founder of Québec City, Governor of New France, cartographer, and writer. *The Last Voyage of Henry Hudson* is a dramatic account of Hudson's last attempt to discover a northwest passage, beginning with his departure from England in 1610 and ending with his mutinous crew setting him adrift in the bay that now carries his name. *Stefansson: The Arctic Prophet* recounts how Stefansson made study of the Arctic his life's work and has added more to modern knowledge of the region than anyone else.
- Films for Change – NFB Collection** [SS] <http://www.nfb.ca/playlist/films-change/>  
 This bilingual collection of National Film Board films is designed to integrate documentary films on the environment into secondary level education. It includes films like *Arctic Mission: An Interactive Adventure* (identified separately in this list) and *Being Caribou*.
- Footprints – NFB Collection** [MS, SS] <http://www3.nfb.ca/footprints>  
 This National Film Board of Canada collection documents the relationship between environmental questions and the social and cultural lives of Canadians. Many of them focus on Canada's North and climate change and are intended for classrooms.
- Inuit Knowledge and Climate Change** [SS] <http://www.isuma.tv/hi/en/inuit-knowledge-and-climate-change>  
 This 2010 documentary is the world's first Inuktitut language film on the topic and takes the viewer "on the land" with elders and hunters to explore the social and ecological impacts of a warming Arctic. The film helps us to appreciate Inuit culture and expertise regarding environmental change and indigenous ways of adapting to it. View it online (VOD). NB: Isuma Productions is an independent Inuit-owned company that specializes in productions that depict the legends, history and culture of the Inuit. They have also produced a 13-part television series, and documentaries such as *Inuit Knowledge* and *Climate Change*. Executive producer, Zacharias Kunuk, has made it his life's work to preserve Inuit history and culture for the benefit of his people.
- Into the Arctic: An Artist's Journey to the North** [ES, MS, SS] [http://intotheartctic.com/journals\\_video\\_player.html](http://intotheartctic.com/journals_video_player.html)  
 The video journals of landscape artist Cory Trépanier are gems for classroom use though the short segments have also been compiled into a 90-minute documentary available in HD. Students will find the artist's joy of discovery in the topography, people and culture of the Arctic contagious. Part of a multi-year project, this endeavor is also raising awareness and appreciation of this sensitive environment. It's always fascinating to see how intrepid the artist is and, through his eyes, how beautiful the Northern landscapes, wildlife and people are.
- Journey to Nunavut: The Kreelak Story** [SS] [www.nfb.ca](http://www.nfb.ca)  
 This film tells the story of a Caribou Inuit family who were Canada's last nomads. The main character, Martin Kreelak, and his older brothers and sisters tell of their early life hunting on the tundra to the present, when they take the reins of the new territory of Nunavut on April 1, 1999. Also available, is *Journey to Nunavut: Amarok's Song*, which introduces a modern generation of teenagers and young adults who were born in settlements and grew up in the north with satellite TV.
- kAMAJIK** ("Guardian") [MS, SS] [http://www.pc.gc.ca/media/index\\_e.asp?video=13](http://www.pc.gc.ca/media/index_e.asp?video=13)  
 There are a series of short films about "Canada's Greatest Summer Job" (working in a national park) but *kAMAJIK*, set in Torngat Mountains National Park (northern Labrador), will be of greatest interest for those interested in the North.
- Nanook Revisited** [MS, SS] [http://ffh.film.com/id/2983/Nanook\\_Revisited.htm](http://ffh.film.com/id/2983/Nanook_Revisited.htm)  
 This film revisits the site of Robert Flaherty's filming of *Nanook of the North*, and learns that Flaherty staged much of what he filmed, sired children to whose future he paid no heed, and who is now himself part of Inuit legends.
- Native Legends** [ES, MS, SS] [www.nfb.ca](http://www.nfb.ca)  
 This video offers a compilation of several Canadian Indian and Inuit legends, including: *The Owl Who Married a Goose: An Eskimo Legend* (When a goose captures the fancy of an owl the owl is quite bewildered by what follows) and *The Owl and the Raven: An Eskimo Legend* (According to this Inuit legend the raven was not always the jet-black bird that it is today; the owl had something to do with its transformation).

- **On Thin Ice** [SS] [http://www.loc.gov/today/cyberlc/feature\\_wdesc.php?rec=4801](http://www.loc.gov/today/cyberlc/feature_wdesc.php?rec=4801)  
NASA scientist Thorsten Markus shares his expertise on polar ice in a lecture at the Library of Congress. In his lecture, Markus summarizes recent observations and findings—together with pictures from Arctic and Antarctic research campaigns—and puts those results into the bigger climate-system picture. He focuses on recent changes in the Arctic and in Antarctica. Markus explains why the two hemispheres react differently to climate change, and concludes his lecture by discussing current and future efforts to address the uncertainties and contradictions of the ice conditions. A bit dry for classroom use.
- **People of a Feather** [ES, MS, SS] [www.peopleofafeather.com/educational](http://www.peopleofafeather.com/educational)  
The educational version of the award-winning film *People of a Feather* takes you through time and into the unique world of the Inuit of the Belcher Islands and their primary source of food and clothing, the eider duck. The film is supported by lesson plans that allow students to further explore Inuit culture, environmental change and the ecology of sea ice habitats.
- **People of the Ice** [MS, SS] <http://www.onf-nfb.gc.ca/eng/collection/film/?id=51591>  
Climate change is seen through the eyes of Inuit from several generations, including Sheila Watts-Cloutier, president of the Inuit Circumpolar Conference. In her view, as the planet heats up, Inuit must draw on their ancient traditions to survive. This film is one in the *Arctic Mission* series, a collection of 5 documentaries about global warming impacts on Canada's North.
- **Perspectives from the Land: Climate Change and Country Food Security in Nunavik** [MS, SS]  
<http://people.trentu.ca/chrisfurgal/videoe.html> (English) and <http://people.trentu.ca/chrisfurgal/videoof.html> (French)  
Directed by Judith Alain, this 12-minute documentary film examines the topics of climate change, resource access and country food security in Nunavik (Arctic Quebec). It draws upon perspectives from both scientific as well as Inuit experts. Dr. Louis Fortier, Scientific Director of ArcticNet, explains the current climate situation in the Arctic. As well, Drs. Chris Furgal and Eric Dewailly, from the Nasivvik Centre discuss some of the key factors impacting food and health in the Inuit region. These views from science are then complemented with Inuit perspectives from the villages of Umiujaq and Kangiqsualujuaq, Nunavik. These two communities have a high level of participation in traditional and subsistence harvesting activities and it is these activities, which are reported to currently be under stress from various forms of local environmental change.
- **Polar Bears and Climate Change** [SS]  
<https://sas.illuminate.com/drtbl?sid=gec2010&suid=D.B0AE2EC137C1B795EEC88419518BFE>  
Streaming lectures from *The 2010 Global Education Conference: How has climate change affected polar bears and their habitat?* Join Dr. Steven Amstrup in Churchill, Manitoba along with Dr. Ian Stirling, scientist and University of Alberta professor, and Lance Rougeux, National Director of the Discovery Education Network, as they discuss the effects of the changing climate on polar bears and their habitat. Hear what years of observation and scientific research studies are showing us about this threatened species. Learn what actions you can take that will benefit the polar bears and their habitat.
- **Unikkausivut: Sharing Our Stories** [ES, MS, SS]  
<http://www.nfb.ca/playlist/unikkausivut-sharing-our-stories/?ec=en20111102>  
For the past 70 years, the National Film Board of Canada (NFB) has been documenting life in the Arctic through the production of films by, and about, the Inuit. The NFB's collection of more than 100 documentaries and animated films represents a unique audiovisual account of the life of the Inuit—an account that should be shared with and celebrated by all.

### Lesson Plans, Activity Books and Teachers' Guides (18)

**Key:** ES = Appropriate for Elementary School Use; MS = Appropriate for Middle School Use; SS = Appropriate for Secondary School Use

- **Arctic and Antarctic Activity Book** [ES] <http://www.coastalscience.noaa.gov/education/aabook.pdf>  
Download this free coloring and activity book produced by NOAA National Centers for Coastal Ocean Science.
- **Arctic Blast 2001 - Dog-Mushing through Nunavut** [ES, MS] <http://www.arcticblast.polarhusky.com>  
Students can experience a dogsled expedition across Nunavut, one of the most remote regions of the world...with a team of powerful polar husky sled dogs, blistering winds, jagged ice, majestic polar bears and frigid temperatures...but from the warmth of your classroom! Nomads Adventure & Education's 2002 online Dogsled Expedition program includes a curriculum package and helps guide teachers and students through an epic journey filled with adventure, intrigue and many unique collaborative learning opportunities.

- Arctic Circle Virtual Classroom [SS]** <http://arcticcircle.uconn.edu/VirtualClassroom/syllabusvc.html>  
 The URL cited here leads to the course syllabus with links provided to the introduction that follows and so on. In putting together this Virtual Classroom, the ArcticCircle design team has kept two basic principles in mind: First, the need to present existing knowledge about the North in as creative a manner as possible; and second, to encourage a critical perspective that enhances the development of new knowledge. Computers accessing the Internet can be valuable assistants in undertaking the first task. However, even here the presentation of a large array of data can quickly lead to factual overload, followed by a loss of one's sense of inquiry. Unmanageable volume also diminishes quality. One potential strength of a virtual classroom is that it can serve as a filter assisting viewers by pointing to items of substance while bypassing the superficial. Still, it should be remembered that virtual classrooms, like physical ones in schools and universities, are never neutral territory. Their subject matter always reflects the particular views and perspectives of the authors. Visit the website to learn more....
- Arctic Mission Teacher's Guide [ES., MS]** <http://www3.nfb.ca/sg/100430.pdf>  
 This resource will help teachers lead students on an interactive adventure while introducing them to such techniques as using geographic reference points, using a compass, orienting a map, and finding geographic information in a document while playing a game in class (as part of a larger experience that involves screening video clips about a scientific and filmmaking expedition through the fragile but treacherous Arctic ice).
- ARCUS Polar Education List [Teacher Resource]** <http://www.arcus.org/education/educationlist/index.html>  
 The list, funded by the National Science Foundation as a service to the research community, provides a venue for educators, researchers, and learners to exchange information about opportunities, challenges, methods, resources, important events, and other useful topics related to the Arctic. The list is moderated but participatory so any *subscribed* user may post information or respond to posts. The free subscription will be of interest to those with exceptional interest in the topic(s).
- The Avataq Cultural Institute – Educator Resources [ES, MS, SS]**  
<http://www.avataq.gc.ca/en/Educational-section-and-multimedia/Activity-sheets-for-teachers>  
 This section is not only designed for teachers in Nunavik but for teachers everywhere. It presents pedagogical activities in connection with information on the website and includes teaching modules and activity sheets (art, language and games).
- Climate Change Webquest and Campaign to Save Our Resources! Teacher's Guide [SS]**  
[http://www.pc.gc.ca/apprendre-learn/prof/sub/quete-quest/index\\_e.asp](http://www.pc.gc.ca/apprendre-learn/prof/sub/quete-quest/index_e.asp)  
 Teaching materials for two web quests are offered here, including a Teacher's Guide. Students are asked how to help stop climate change and begin to evaluate how human lifestyles impact the environment by looking at the circumstances of two historic sites. The first, York Factory National Historic Site of Canada, is a reminder of the global struggle between the French and the English in the 18th century and was, at one time, the political, social, and economic hub of western Canada but its remote location is being threatened. Entire sections of this National Historic Site will be lost in 100-150 years due to global warming. The second involves Wapusk National Park which has an extremely bio-diverse ecosystem and is home to one of the largest polar bear maternity denning areas in the world. Due to changes in habitat brought about by rising temperatures, polar bears and other wildlife are suffering.
- Films for Change: A Pedagogical Template for Environmental Education [SS]** <http://www3.onf.ca/sg/100559.pdf>  
 This 48-page comprehensive Teacher's Guide will help secondary-level students develop media literacy and environmental skills as well as encourage them to implement environmental action projects in the classroom. It offers quick links to curricula in provinces and territories across Canada and provides teachers with options for assessment strategies. Canada's Arctic is included.
- Haida and Inuit: A Comparison (Lesson Plan) [ES]**  
<http://records.viu.ca/www/discover/educate/smithn/lessons/fncult/lshaida.htm>  
 This lesson plan is designed for Grade 4 B.C. classrooms and is posted on Vancouver Island University's website. It involves reading aloud the book *The Haida and the Inuit: People of the Seasons* (also referenced in the book list above). Learning outcomes include the ability to identify and compare physical environments and cultures and to analyze how these peoples interact with their environment, in the past and present. Students will discuss key questions in small groups, write a paragraph on their opinions using supporting details from the book and any other sources used in the class to date. Note: This lesson is part of a series of Grade 2-4 unit by Tanya Holloway (and others) at:  
[http://records.viu.ca/www/discover/educate/smithn/lessons/23grade.htm#first\\_nations](http://records.viu.ca/www/discover/educate/smithn/lessons/23grade.htm#first_nations)

- Inuits and Native Americans: Constructing Comparisons** [Grades 4-5]  
<http://www.pdx.edu/geography-education/sites/www.pdx.edu.geography-education/files/InuitsoftheNunavut.pdf>  
 In this teacher-created lesson, students study the geography, lifestyle, and culture of the Inuit from the Nunavut in northern Canada and compare them to a recently studied local Native American tribe. Students work in small groups to research one geographic aspect of the Inuit lifestyle, create a pictorial icon that represents their findings and attach it to a map of Nunavut. Each group then creates a three-dimensional display that represents geographic aspects of the Inuit lifestyle on half of a poster board and local Native American details on the other half. Group presentations follow.
- Northern Arctic Eco-zone** (Parks Canada) [ES, MS]  
[http://www.pc.gc.ca/apprendre-learn/prof/itm2-crp-trc/crp-trc5\\_e.asp?ID=404](http://www.pc.gc.ca/apprendre-learn/prof/itm2-crp-trc/crp-trc5_e.asp?ID=404)  
 This terrestrial eco-zone fact sheet provides an overview of the eco-zone's location, climate, and fauna. The names and web site links of the national parks which are located within the eco-zone are also provided. This factsheet, along with five national park fact sheets that are hyperlinked to that page, is an excellent basic resource for students.
- OneWorld Classroom Travel Resources on the Arctic** [ES, MS]  
<http://www.oneworldclassrooms.org/travel/arctic/classroompackage/begin.html>  
 The Classroom Package is an "armchair travel guide" that allows teachers to take their students on a curriculum-connected 'tour' of an Arctic village or to travel to the top of the world! Many interactive activities follow.
- Our Arctic, Our Life** [ES, MS] <http://www.ourarctic.ca/?n=125-134> and <http://www.ourarctic.ca/?n=126-129>  
 This website run by the CAZA Partnership for Biodiversity (Canadian Association of Zoos and Aquariums) offers opportunities to learn about climate change and the north by sharing digestible information, images and resources that even elementary students can appreciate. The second URL offers access to fact sheets, lesson plans and multimedia materials.
- Parks Canada Teacher Resource Center** [ES, MS, SS] [http://www.pc.gc.ca/apprendre-learn/prof/index\\_e.asp](http://www.pc.gc.ca/apprendre-learn/prof/index_e.asp)  
 Search a database of curricula from across Canada (by subject, grade, province or keyword) to discover theme-based units on specific provinces, territories, Inuit peoples and more.
- Polar Bear International Educational Tools and Materials** [ES, MS, SS]  
<http://www.polarbearsinternational.org/education/educational-tools-and-materials>  
 There are numerous appealing classroom resources here—lesson, PowerPoints, polar bear mini posters and music videos!
- PolarTREC (Teachers and Researchers Exploring and Collaborating)** [ES, MS, SS] <http://www.polartrec.com/resources>  
 PolarTREC Learning Resources' site offers a collection of articles, lessons, activities, interactive media, and more for educators, families, students, or anyone interested in teaching or learning more about the science of the Arctic and Antarctica. Many have been aggregated into "Collections" for easier access to specific resources.
- Takurngaqtat: Inuit Contact and Colonization** [MS, SS] <http://www.inuitcontact.ca>  
 "Takurngaqtat" means encountering something for the first time and this site, designed for social studies classrooms in Nunavut, teaches about the Inuit and their encounters with First Nations, whalers, explorers and traders. A "Historical Exploration Toolkit" guides teachers and students about how to use the site and 2 instructional modules (Inuit and the Land; Economics of Contact) created for Grades 9-10 offer lesson and activity plans that support the interactive online information and include links to blackline masters and other materials needed for instruction.
- Through Mala's Eyes: Life in an Inuit Community – A Learning Resource** [ES, MS]  
[http://www.aadnc-aandc.gc.ca/DAM/DAM-INTER-HQ/STAGING/texte-text/ach\\_lr\\_ks\\_rrds\\_mala\\_1302786861588\\_eng.pdf](http://www.aadnc-aandc.gc.ca/DAM/DAM-INTER-HQ/STAGING/texte-text/ach_lr_ks_rrds_mala_1302786861588_eng.pdf)  
 This is an excellent Government of Canada publication that offers a series of lesson plans built around the first-person narrative of a 12-year-old Inuk boy. It will help you and your students appreciate life in the Inuit community of Salluit, in the northern part of Nunavut, Northern Québec. Although designed for students from 9 to 12 years of age, some of the lesson plans and strategies in this unit can be adapted for other grade levels. Suggested activities and lists of research resources offer exciting and engaging opportunities to learn more about the history, customs and traditions of Inuit in Canada. The entire booklet is downloadable for free via the URL above.

## Online Maps (7)

- Animated Map of Melting Arctic Ice (1975-2005)**

[http://www.nasa.gov/mpg/134729main\\_sea%20ice%20average\\_NASA%20WebV\\_1.mpg](http://www.nasa.gov/mpg/134729main_sea%20ice%20average_NASA%20WebV_1.mpg)

This moving map illustrates the changing ice cover in the Arctic. Please allow time for the VLC media player to upload.

- The Canadian Arctic E-Atlas [MS, SS]** [http://www.sfu.ca/geog351fall02/gp2/WEBSITE/1\\_homepg.html](http://www.sfu.ca/geog351fall02/gp2/WEBSITE/1_homepg.html)

This website offers a comprehensive introduction to the geography of this one-of-a-kind land, where there is still much to uncover, explore and learn regarding five topics: Landscape, Exploration, People, Wildlife, and Flora.

- End of Summer Approaches for Arctic Sea Ice**

<http://nsidc.org/arcticseaicenews/2010/090710.html>

Maps and graphs showing the extent of summer ice in the Arctic (1979-2000). NB: Summer ice levels in 2007, 2009, and 2010 are the 2<sup>nd</sup> and 3<sup>rd</sup> lowest in history.

- Environmental Sensitivity Maps [ES, MS]** <http://epe.lac-bac.gc.ca/100/205/301/ic/cdc/arctic/envsens/mapintro.htm>

This page on the Canadian Arctic Profiles website offers a collection of environmental sensitivity maps representing Arctic areas that are especially sensitive to disturbance from ships and aircraft. Areas of high sensitivity are especially important; therefore, tables have been compiled to indicate the species present in those areas and their corresponding sensitivity (S) and vulnerability (VI) values. Each of the maps listed are also linked to corresponding tables.

- Map of Indigenous Peoples of the Arctic Countries (at right)**

<http://ansipra.npolar.no/image/Arctic04E.jpg>

Linguistic demography of indigenous peoples of the Arctic.

- Maritime Jurisdiction and Boundaries in the Arctic Region**

<http://www.dur.ac.uk/resources/ibru/arctic.pdf>

This map displays the complex recognized and disputed international boundaries of Arctic land/ice and water.

- NOAA Arctic Maps**

<http://www.arctic.noaa.gov/maps.html>

The National Oceanic and Atmospheric Administration provides access to dozens of political, environmental, and historical maps of the Arctic region supplied by different environmental agencies and countries with Arctic borders.



Indigenous peoples of the Arctic countries



## WEBSITE RESOURCES ON THE ARCTIC/THE INUIT (35)

**Key:** ES = Appropriate for Elementary School Use; MS = Appropriate for Middle School Use; SS = Appropriate for Secondary School Use

- Above & Beyond: Canada's Arctic Journal [MS, SS]** <http://www.arcticjournal.ca> Online magazine about Canada's Arctic.

- Aboriginal Affairs and Northern Development Canada (AANDC) [ES, MS, SS]**

<http://www.aadnc-aandc.gc.ca/eng/1100100014187/1100100014191>

This site offers information about the culture of the Inuit in Canada and offers links to teaching resources. Note: AANDC used to be known as the Department of Indian Affairs and Northern Development, Canada.

- **Aboriginal Affairs and Northern Development Canada Art Gallery** [ES, MS, SS] <http://www.aadnc-aandc.gc.ca/eng/1100100013094/1100100013098>  
This site features works of art from the Aboriginal Affairs and Northern Development Canada Art Collection and is managed by the Indian and Inuit Art Centre.
- **Aboriginal Portal** [MS, SS] <http://www.aboriginalcanada.gc.ca/acp/site.nsf/eng/ao35100.html>  
This site serves as a gateway to First Nations, Métis and Inuit online educational resources as well as government programs and services. The site is under the domain of Aboriginal Affairs and Northern Development Canada (AANDC).
- **Arctic Explorers** [ES, MS, SS] <http://www.enchantedlearning.com/explorers/arctic.shtml>  
From Ronald Amundsen to Vilhjalmur Stefansson, the "Explorers" section of this resource offers a brief description of twelve famous explorers of the Arctic. The site also offers information on a myriad of other social studies topics as well.
- **Arctic: OneWorld Classrooms** [ES, MS] <http://www.oneworldclassrooms.org/travel/arctic/index.html>  
Tour an Arctic town, see arctic animals, play Inuit games, and exchange artwork on this website. Unfortunately, the PowerPoints, videos, and music available on this site do not pertain to the Canadian Arctic.
- **The Arctic Portal** [SS] <http://m.arcticportal.org>  
Arctic Portal is a news-sharing forum – part of an International Polar Year project lead by Iceland's Senior Arctic Official in consultation with other members of the Arctic Council.
- **The Arctic: World Affairs Blog Network** [SS] <http://arctic.foreignpolicyblogs.com>  
This site focuses on political, military, and environmental issues maintained by the Foreign Policy Association. Based in New York, this non-profit organization is dedicated to inspiring the American public to learn more about the world.
- **Beyond Penguins and Polar Bears** [ES, MS] <http://beyondpenguins.ehe.osu.edu>  
This impressive educational site developed by Ohio State University with NSF grant funding is intended for elementary science and literacy classrooms but relevant for social studies classrooms, too! It is formatted as a free online magazine with stories, podcasts, photos and columns regarding a variety of topical issues relating to the Arctic. Be sure to check it out.
- **Canada's First Peoples: The Inuit** [ES, MS, SS] [http://firstpeoplesofcanada.com/fp\\_groups/fp\\_inuit2.html](http://firstpeoplesofcanada.com/fp_groups/fp_inuit2.html)  
This user-friendly website offers information about the Inuit, Metis and First Nations, Canada's three indigenous groups.
- **Canadian Arctic Profiles: Indigenous People (Canada's Digital Collections)** [ES, MS, SS] <http://epe.lac-bac.gc.ca/100/205/301/ic/cdc/arctic/inuit/people.htm>  
This website is part of a SchoolNet Digital Collection intended for classroom use and provides information on a variety of topics relating to the Canadian Arctic. It is dynamic and both the range of topics and depth of treatment are being augmented under the auspices of the Digital Collection Program of Industry Canada. Up-to-date information, photographs and links to other websites facilitate further research. Note: Much of the information has been drawn from a project sponsored by the Canadian Coast Guard to develop the "Arctic Environmental Sailing Directions" document which is intended to assist navigators in selecting routes in the Arctic which minimize environmental impacts.
- **Eco Kids: The North** [ES, MS] [http://www.ecokids.ca/pub/homework\\_help/the\\_north/index.cfm](http://www.ecokids.ca/pub/homework_help/the_north/index.cfm)  
Designed for teachers and students, this website teaches about the Arctic with expert Sheila Watt-Cloutier, explores nature, climate, the people and wildlife of Canada's North, quizzes students' knowledge about the Arctic and lets them play games.
- **Ilititaa...Bernier, His Men and the Inuit** (Virtual Museum of Canada) [ES, MS] <http://www.ilititaa.org/en/main.html>  
This virtual exhibit focuses on the first meeting between the Inuit of the Canadian Arctic and the French in Canada. Learn more about Captain Bernier and his men and explore the interactive exhibit and learn about the migration to the North and important lessons about Inuit history.
- **Image Gallery (Explore Nunavik)** [ES, MS, SS] <http://www.explorenunavik.com/Default.asp?langue=2>  
This site provides access to organized photos of traditional Inuit objects, depictions of daily life, special activities, environment, and villages of Nunavik (Northern Quebec).

- **Image Gallery (Virtual Museum of Canada)** [ES, MS, SS] [http://www.museevirtuel-virtualmuseum.ca/Search.do?No=0&Ne=0&Ntk=SearchAll\\_EN&lang=en&Ntx=mode+matchallany&Ntt=Inuit&ig=on](http://www.museevirtuel-virtualmuseum.ca/Search.do?No=0&Ne=0&Ntk=SearchAll_EN&lang=en&Ntx=mode+matchallany&Ntt=Inuit&ig=on)  
The Image Gallery showcases thousands of artifacts, photos, paintings and objects from Canadian museums. Using "Inuit" as the search term, 2998 images resulted.
- **Inuit Culture** [ES, MS] <http://www.arctic-travel.com/chapters/incultpage.html> Information about the Inuit way of life.
- **Inuit (Eskimo) Games** (University of Waterloo) [ES, MS, SS] <http://www.gamesmuseum.uwaterloo.ca/VirtualExhibits/Inuit/english/index.html>  
This website references the Elliot Avedon Virtual Museum of Games and offers a general introduction as well as further details about 15 different games played in the Arctic. These are great ideas to share with physical education teachers, too.
- **Inuit Art Alive** [ES, MS, SS] [http://inuitartalive.ca/index\\_e.php](http://inuitartalive.ca/index_e.php) This virtual exhibition showcases over half-century of artmaking by more than 50 artists from across Canada. Browse through images, artists' profiles, interviews, published articles, and general information about the North. Curated by a team of specialists in the field, *Inuit Art Alive* fills gaps in contemporary art histories and allows Inuit a voice in the presentation of their art.
- **Kid's Site of Canadian Settlement: Inuit** [ES, MS] <http://www.collectionscanada.gc.ca/settlement/kids/021013-2071-e.html>  
This "archived" digital project looks at the history of early settlement communities in Canada, and this page offers entry into the world of the Inuit. This website provides educational resources for children in grades 4-6. Based on a study of provincial and territorial curricula, Library and Archives Canada (LAC) has provided a full teaching unit and evaluation rubric. The teaching resource uses this website's interactive games, and includes both individual and group activities. The theme of settlement communities has curriculum tie-ins to history, national identity, human rights, culture, multiculturalism, language arts and geography.
- **INUIT - People of the Arctic (John Tyman's Cultures in Context Series)** [ES, MS] <http://www.johntyman.com/arctic/>  
This series of Web pages provides an insight into the culture of the Inuit, the people commonly referred to as "Eskimos," through the work of Dr. John Tyman, a geographer who has dedicated much of his life to travelling the world, living among, and studying diverse cultures. He lived with an Inuit family north of the Arctic Circle for eight months. This Web project brings to life his journeys and experiences, as well as comparing the traditional and contemporary lifestyles of the Inuit.
- **K-12 STUDY CANADA** [ES, MS, SS] [http://www.k12studycanada.org/resources\\_lesson\\_plans.html](http://www.k12studycanada.org/resources_lesson_plans.html)  
The K-12 STUDY CANADA website, offered by the Pacific Northwest National Resource Center on Canada, and managed by T. Storer at Western Washington University, offers teacher-developed curricula among its many resources on Canada. There are at least four lesson plans currently posted that focus on the Arctic. Many additional resources are available, particularly through its gateway of resource links.
- **Kativik School Board** [MS, SS] <http://www.kativik.qc.ca/en/resources>  
Interested in teaching your students the Inuit language? The AiPai Web portal on this site can help you learn to type Inuktitut using syllabics. AiPai Web teaches all characters used in Nunavik Inuktitut in a sequence of 34 lessons, random practice texts and races against opponents. There is also an Inuktitut Transcoder tool that transcodes Microsoft® Word document(s) from AiPaiNunavik (non-Unicode) to AiPaiNutaq (Unicode).
- **Labrador Inuit Land Claim Agreement News Release** [SS] <http://www.releases.gov.nl.ca/releases/2003/laa/0829n06.htm>  
Chief negotiators for the Labrador Inuit Association (LIA), the Government of Newfoundland and Labrador and the Government of Canada gathered on August 29, 2003 to initial the Labrador Inuit Land Claim Agreement. The Agreement provides for the establishment of the Labrador Inuit Settlement Area and Labrador Inuit Lands, and sets out details of land ownership, resource sharing, and self-government of the Labrador Inuit. This webpage also provides the primary resource document pertaining to this news release in a link at the bottom of the page.
- **Library of Congress** [MS, SS] <http://www.loc.gov/teachers/>  
The Library of Congress and its Teaching with Primary Sources Program offers classroom materials and professional development training to help teachers effectively use primary sources from the Library's vast digital collections in their teaching; however, there are currently no materials with a focus on Canada's Arctic. To connect with content on the Arctic, use the search tool and keywords: "Arctic," "Canada," "Inuit," and "Northwest Passage." In doing so, you will discover

numerous results (eg: 1596 for the word “Arctic” alone). Please note that results can be narrowed by using the side toolbars.

- **Living Traditions: Inuit History, Art and Other Traditions - Teacher's Resources** [ES, MS, SS] [http://www.virtualmuseum.ca/English/Teacher/inuit\\_history.html](http://www.virtualmuseum.ca/English/Teacher/inuit_history.html) and [http://www.museevirtuel-virtualmuseum.ca/sgc-cms/expositions-exhibitions/traditions/English/inuit\\_games.html](http://www.museevirtuel-virtualmuseum.ca/sgc-cms/expositions-exhibitions/traditions/English/inuit_games.html)  
Many useful and interesting classroom connections are offered on this website of the Virtual Museum of Canada.
- **Michael Byers on the Arctic** – <http://byers.typepad.com/arctic>  
Dr. Michael Byers holds the Canada Research Chair in Global Politics and International Law at the University of British Columbia. He is the author of *Who Owns the Arctic? Understanding Sovereignty Disputes in the North* (2009) – highly recommended reading for those with serious interest in Arctic issues.
- **Mrs. Osborne's Native American History & Culture** [ES, MS, SS] [http://www.teacheroz.com/Native\\_Americans.htm](http://www.teacheroz.com/Native_Americans.htm)  
This site offers maps, primary documents and information relating to the Inuit and other indigenous peoples of N. America.
- **Newfoundland and Labrador Heritage – The Inuit** [ES, MS, SS] <http://www.heritage.nf.ca/aboriginal/inuit.html>  
This site focuses on Inuit heritage in the province of Newfoundland and Labrador: “Inuit living along the northern coast of Labrador are the direct descendants of a prehistoric hunting society that spread across Canada from Alaska and centered on capturing massive bowhead whales. This culture, called Thule by archaeologists, quickly adapted to the mixed arctic and sub-arctic conditions found in the Labrador region....”
- **Northern Parks 3D** (Parks Canada) [ES, MS, SS] [http://www.pc.gc.ca/dci/src/3d\\_e.asp](http://www.pc.gc.ca/dci/src/3d_e.asp)  
Take a virtual tour... Experience Parks Canada in 3-D! Explore dozens of historic sites and natural parks across Canada, including Northern Parks which were created by geologic forces and shaped by a harsh and unforgiving climate. More than 100,000 square kilometres have been designated national parks so that this unique landscape can be protected and preserved. Learn that Quttinipaaq National Park, for example, is Canada's second largest national park, and features arctic deserts and icecaps of the Eastern High Arctic Glacier Natural Region. Situated on the northern end of Ellesmere Island, it includes the northernmost lands of Canada.
- **NOVA: Arctic Passage (including Teacher's Guide)** [ES, MS, SS] <http://www.pbs.org/wgbh/nova/arctic>  
Articles, interviews, biographies, and activities will allow students to relive two legendary expeditions—one tragic, one triumphant—to pioneer a route through the Northwest Passage. Excellent site produced by PBS Online.
- **Nunatsiaq News** – <http://www.nunatsiaqonline.ca> This online newsletter serves Canada's northern territories.
- **Nunavut** [ES, MS, SS] <http://www.nunavut.com> This site is gateway for Canada's newest territory, Nunavut.
- **Polar Fiction** [ES, MS, SS] <http://www.phys.barnard.edu/~kay/polar/fiction.php>  
Someone has explored the library stacks at Cambridge University and compiled his/her own list of youth fiction related to both poles. You will find several additional titles that are not already included here.
- **Teaching Canada** [ES, MS, SS] <http://umaine.edu/teachingcanada/instructional-resources-2>  
This website, offered by the Northeast National Resource Center on Canada, and managed by Betsy Artzen at the University of Maine, offers numerous resources for teaching about Canada and includes a link to “The Arctic—A Global Hot Spot: Resources for Teaching the Geography of the Contemporary Canadian Arctic” written by Betsy Arntzen and Amy Sotherden.

#### WEBSITE RESOURCES ON CLIMATE CHANGE (15)

- **Arctic Assessment, The US Geological Survey** [SS] <http://energy.usgs.gov/RegionalStudies/Arctic.aspx>   
This U.S. Government agency does research on petroleum resources in the Arctic.
- **Arctic Institute of North America, University of Calgary** [SS] <http://www.arctic.ucalgary.ca> To advance the study of the North American and circumpolar Arctic through the natural and social sciences, the arts and humanities and to acquire, preserve and disseminate info on physical, environmental and social conditions in the North.

- **ArcticNet** [SS] <http://www.arcticnet.ulaval.ca>  
This group brings together scientists and managers in the natural, human health and social sciences with partners from Inuit organizations, northern communities, federal and provincial agencies to study the impacts of climate change in Arctic Canada. 
- **C2ES - Global Warming and the Arctic FAQs** [SS] [http://www.pewclimate.org/arctic\\_qa.cfm](http://www.pewclimate.org/arctic_qa.cfm)  
The Center for Climate and Energy Solutions, formerly known as the Pew Center, one of the best polling and researching organizations in the world, provides information and resources related to the environment and global warming. This FAQ section answers the following questions and more: "Why is the Arctic warming faster than the rest of the world? What will the impacts on the United States be? Is Alaska already being affected?"
- **The Guardian** <http://www.guardian.co.uk/education/2012/sep/17/polar-arctic-meltdown-climate-change>  
GREAT website on teaching "polar meltdown" and teacher resources.
- **International Arctic Science Committee** – <http://www.arcticportal.org/iasc>  
Non-governmental organization that aims to encourage, facilitate and promote leading-edge multi-disciplinary research to foster a greater scientific understanding of the arctic region.
- **International Polar Week!** <http://www.apecs.is/outreach/polar-week/polar-week-september-2012>  
Although this site focuses on science being conducted in the Arctic and Antarctic, it includes suggestions for classroom activities to celebrate International Polar Week bi-annually.
- **Library of Congress** [MS, SS] <http://www.loc.gov/teachers/>  
See the earlier citation on this resource on pages 23-24.
- **NASA: Global Warming** [http://www.nasa.gov/worldbook/global\\_warming\\_worldbook.html](http://www.nasa.gov/worldbook/global_warming_worldbook.html)  
The National Aeronautics and Space Administration (NASA) is a U.S. Government agency and is respected worldwide as a scientific resource about global warming, its causes, and its consequences.
- **National Center for Biotechnology Information: National Library of Medicine – National Institutes of Health (PubMed)** [SS] <http://www.ncbi.nlm.nih.gov/pubmed>  
PubMed comprises more than 22 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites. Through proper utilization of the search bar at the top of the page, many scholarly articles can be found in reference to climate change. For example, typing in the words "Climate Change in the Arctic" yields 594 results specifically dealing with that topic.
- **National Oceanic and Atmospheric Administration: Arctic Research** [SS] [http://www.oar.noaa.gov/climate/t\\_arctic.html](http://www.oar.noaa.gov/climate/t_arctic.html)  
NOAA is a U.S. Government agency and, like NASA, is respected worldwide as a scientific resource about oceanographic and climate change in the Arctic regions of the world.
- **United Nations Environment Program, Polar Program** <http://www.grida.no/polar>   
This program advocates for sustainable development of the Arctic and Antarctica through building knowledge and awareness for decision-making, participating in international stakeholder processes, and further developing the capacity of Arctic peoples.
- **U.S. Department of the Interior – National Parks Service – Climate Change Response Program** <http://www.nature.nps.gov/climatechange/index.cfm>  
The Climate Change Response Program works to foster communication, provide guidance, scientific information, and recommendations that support stewardship actions to preserve our natural and cultural heritage from the detrimental impacts of global climate change.
- **US Forest Service** <http://www.fs.fed.us/climatechange>

"The nation's forests and grasslands are at risk due to the effects of climate change and other major drivers of landscape change. But the Forest Service is already doing much to help ecosystems adapt. We can and will do more, but we cannot succeed alone." -- Forest Service Chief Tom Tidwell, 4/20/2010

- **World Wildlife Fund (1961)** – [http://wwf.panda.org/what\\_we\\_do/where\\_we\\_work/arctic](http://wwf.panda.org/what_we_do/where_we_work/arctic) WWF's mission is to stop the degradation of the planet's natural environment, and build a future in which humans live in harmony with nature. The secretariat is located in Switzerland.

## CANADIAN & INTERNATIONAL INUIT COUNCILS, GOVERNANCE & RESEARCH (25) [SS]

- **Aleut International Association** <http://www.aleut-international.org/Page1.html>  
This organization was formed to address environmental and cultural concerns of the extended Aleut family whose wellbeing has been connected to the rich resources of the Bering Sea for millennia.
- **APECS (Association of Polar Early Career Scientists)** <http://www.apecs.is>  
APECS is an international and interdisciplinary organization for undergraduate and graduate students, postdoctoral researchers, early faculty members, educators and others with interests in Polar Regions and the wider cryosphere. Our aims are to stimulate interdisciplinary and international research collaborations, and develop effective future leaders in polar research, education and outreach.
- **Arctic Athabaskan Council** <http://www.arcticathabaskancouncil.com>  
The Arctic Athabaskan Council (AAC) is an international treaty organization established to defend the rights and further the interests internationally of American and Canadian Athabaskan member First Nation governments in the eight-nation Arctic Council and other international forums. AAC is an authorized "Permanent Participant" in the Arctic Council. In addition, AAC seeks to foster a greater understanding of the shared heritage of Athabaskan peoples of Arctic North America.
- **The Arctic Governance Project** <http://www.arcticgovernance.org>  
This project joins preeminent researchers, indigenous leaders, and members of the policy community to frame critical questions and issues of governance in the Arctic and devise innovative responses for a sustainable future.
- **Arctic Oceans Sciences Board** – <http://www.aosb.org/index.html>  
This board facilitates Arctic Ocean research via the support of multinational and multidisciplinary natural science and engineering programs. Membership is open to all countries conducting research in the Arctic Ocean.
- **The Arctic Research Consortium of the U.S.** – <http://www.arcus.org>  
Fairbanks, Alaska-based ARCUS is a non-profit member consortium of educational and scientific institutions that have a substantial commitment to Arctic research.
- **Canadian Polar Commission, Government of Canada** (1991) <http://www.polarcom.gc.ca>  
This commission monitors, promotes, and disseminates knowledge of the polar regions; contributes to awareness of polar science in Canada; enhances Canada's international profile as a circumpolar nation; recommends polar science policy to government.
- **Centre for the North, Conference Board of Canada** – <http://www.centreforthenorth.ca>  
Centre for the North is to work with Aboriginal leaders, businesses, governments, communities, educational institutions, and other organizations to achieve a shared vision of sustainable prosperity in the North.
- **Environmental Knowledge for Change, GRID Arendal, Norway** – <http://www.grida.no>  
In 1989, the Norwegian Government established this collaborating center with the United Nations Environment Programme to communicate environmental information to policy makers (based in Arendal, Norway with offices in Ottawa, Canada and Stockholm, Sweden).
- **Geopolitics in the High North** – <http://www.geopoliticsnorth.org>

Led by the Norwegian Institute for Defense Studies, this research program develops new knowledge about actors and their interests in the High North. The organization consists of a core group of Norwegian and international partners.

- **International Arctic Science Committee (IASC)** <http://iasc.info>

The International Arctic Science Committee is a non-governmental organization that aims to encourage, facilitate and promote cooperation in all aspects of Arctic research in all countries engaged in Arctic research and in all areas of the Arctic.

- **Inuit Governance in Canada**

- **Inuit Tapiriit Kanatami** (1971) <http://www.itk.ca>

Inuit Tapiriit Kanatami (ITK), formerly Inuit Tapirisat of Canada, is the national voice of 55,000 Inuit living in 53 communities across the Inuvialuit Settlement Region (Northwest Territories), Nunavut, Nunavik (Northern Quebec), and Nunatsiavut (Northern Labrador), land claims regions. Inuit call this vast region Inuit Nunangat. Founded in 1971 ITK represents and promotes the interests of Inuit on a wide variety of environmental, social, cultural, and political issues facing the Inuit on a national level.

- **Nunavik** <http://www.nunavikgovernment.ca>

Nunavik is a new regional government within Quebec that is not an Inuit government but a public government, representing all citizens of Nunavik.

- **Nunavut** [www.gov.nu.ca](http://www.gov.nu.ca)

Nunavut – "our land" in the Inuktitut language – has been home to Inuit peoples for millennia and part of Canada for more than a century and gained self-governance as a territory in 1999. This site is the Government of Nunavut portal to services for its approximately 33,697 residents.

- **Nunavut Tunngavik Incorporated** <http://www.tunngavik.com>

Nunavut Tunngavik Incorporated (NTI) ensures that promises made under the Nunavut Land Claims Agreement (NLCA) are carried out. Inuit exchanged Aboriginal title to all their traditional land in the Nunavut Settlement Area for the rights and benefits set out in the NLCA. NTI coordinates and manages Inuit responsibilities set out in the NLCA and ensures that the federal and territorial governments fulfill their obligations regarding management of land, water and wildlife.

- **Nunatsiavut** <http://www.nunatsiavut.com>

The Nunatsiavut Government is an Inuit regional government. It is driven by a set of fundamental principles that arise from the Labrador Inuit Constitution.

- **Gwich'in Council International** (1999) <http://www.gwichin.org>

The Gwich'in Council International (GCI) was established as a non-profit organization by the Gwich'in Tribal Council in Inuvik, NWT, to ensure all regions of the Gwich'in Nation in the Northwest Territories, Yukon and Alaska are represented at the Arctic Council, as well as to play an active and significant role in the development of policies that relate to the Circumpolar Arctic.

- **Inuvialuit Regional Corporation** <http://www.irc.inuvialuit.com>

The Inuvialuit Corporate Group, composed of Inuvialuit Regional Corporation (IRC) and its subsidiary corporations, oversees the terms of the 1984 Inuvialuit Final Agreement between the Government of Canada and the Inuvialuit (Inuit of Canada's Western Arctic) are met.

- **Inuit Circumpolar Council** (1977) <http://inuitcircumpolar.com>

To thrive in their circumpolar homeland, the Inuit realized they must speak with a united voice on issues of common concern and combine their energies and talents towards protecting and promoting their way of life. The principal goals of ICC are, therefore: 1) to strengthen unity among Inuit of the circumpolar region; 2) promote Inuit rights and interests on an international level; 3) develop and encourage long-term policies that safeguard the Arctic environment; and 4) seek full and active partnership in the political, economic, and social development of circumpolar regions.

- **Jane Glassco Arctic Fellowship Papers** – <http://gordonfoundation.ca/node/552>

The following is collection of papers written by the first cohort of the Jane Glassco Arctic Fellows. This amazing group of future northern leaders has worked hard over two years (2010-2012) to research how policy can be improved on a variety of

topics of importance to communities from Old Crow to Nain.

- **Nanoq, Government of Greenland** <http://uk.nanoq.gl>  
This Cabinet is responsible for the daily operations of the Government of Greenland. This office works year round, unlike the Parliament of Greenland which only operates for two sessions.
- **Russian Association of Indigenous Peoples of the North** (1991) <http://www.raipon.info/en>  
RAIPON is a public organization in Russia that aims to protect human rights, defend legal interests of indigenous peoples of the North, Siberia and the Far East, and assist in finding solutions for environmental, social, cultural, educational and economic problems.
- **Saami Council** (1956) <http://www.saamicouncil.net/?deptid=1116>  
The Saami people live in the Arctic region of Finland, Sweden, Norway and Russia. Their council promotes of Saami rights and interests in those four countries to consolidate the feeling of affinity among the Saami people, to attain recognition for the Saami as a nation and to maintain the economic, social and cultural rights of the Saami in the legislation of the four states.
- **Scientific Committee on Antarctic Research (SCAR)** <http://www.scar.org>  
SCAR is charged with initiating, developing and coordinating high quality international scientific research in the Antarctic region, and on the role of the Antarctic region in the Earth system. The scientific business of SCAR is conducted by its Standing Scientific Groups which represent the scientific disciplines active in Antarctic research and report to SCAR. In addition to carrying out its primary scientific role, SCAR also provides objective and independent scientific advice to the Antarctic Treaty Consultative Meetings and other organizations on issues of science and conservation. In that role, SCAR has made numerous recommendations on a variety of matters, most of which have been incorporated into Antarctic Treaty instruments. Foremost amongst these have been the advice provided for the many international agreements which provide protection for the ecology and environment of the Antarctic.
- **U.S. Arctic Research Commission** (1984) – <http://www.arctic.gov>  
To develop and recommend an integrated national Arctic research policy in the United States and assist in establishing a national Arctic research program plan to implement the policy.