



**Year 1  
TERM THREE:**

**440.204.3 Science Education (K-9)**

**Suitable instructor resources from DCI library listings:**

**Book # 441 - Environment Wildlife**

**ISBN 1-895565-68-5**

**Calef, George (1995) Caribou and the barren lands. Willowdale, Ontario. Firefly Books Ltd.**

In this book the author's captivating photographs tells about the trail of the caribou herd as they rove the vast homeland.

**Book # 29 Heritage Archaeology**

**ISBN 0-9695202-0-4**

**Cinq-Mars, Jacques, Pilon, Jean-Luc (1991) NOCAP ARCHAEOLOGY PROJECT: AN INTEGRATED ARCHAEOLOGICAL RESEARCH AND MANAGEMENT APPROACH No. 1. Victoria, British Columbia. Canadian Archaeological Association**

This Northern Oil and Gas Action Plan (NOGAP) comes after the first assessments that took place along the Mackenzie Corridor in the early 1970's and in the closing of the Berger Inquiry 1977. This publication is the first phase of two part project comprises of a series of articles put together by a team of people. It shows a wide range of work that has been done in areas such as Trout Lake, NT, Bone and Antler Tools from a Prehistoric Mackenzie Inuit Site, The Basket Case: Deciphering Subsistence Patterns in the Southwest Anderson Plain Region, N.W.T. in the Late Prehistoric Period and others.



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**Book #s 49 & 50 - Education –General**

**CURRICULUM FOR A SCIENCE FIELD SCHOOL - INSTRUCTORS' RESOURCE STUDENT MANUALS. (1990) Yellowknife, NT. K. Tompkins and Associates**

This curriculum contains an instructor and students' manuals for a science field base school. It contains outlines for units, objectives and suggested teaching strategies.

**Book # 61 Health –Nutrition**

**Dene Nation and the Mackenzie Regional Health Service et al., (1995) CONTAMINANTS AND YOUR HEALTH –NWT FACT SHEETS Yellowknife, NWT**

This is a binder of Northwest Territories fact sheets on the nutrition of tradition foods as well as the possible contaminants in the tradition foods. It is intended for use in schools, health centers, prenatal courses, elders' homes, band offices, adult education and by individuals.

**Book # 703 Heritage Dene**

**Janes, Robert R. (1988) SOCIETY FOR THE STUDY OF ARCHITECTURE IN CANADA BULLETIN VOL. 13 Numbers 2 4-13**

The section on, Vernacular Architecture at a Contemporary Dene Hunting Camp<sup>1</sup> looks at the architecture of dwellings of mid 70's in the Mackenzie Basin. It explains the use and variation of the structures, forms and interiors of the homes.

**Book #s 408 -409 - Education –other First Nations**

**Kativik School Board (1990) ECOLOGY Unit 4 Arctic Char -Teacher's Guide and TEACHER RESOURCES –ARCTIC CHAR**

**Guide**

This teacher's guide contains unit objectives and fourteen activities. It covers activities suggestions such as how to set up an aquarium, observing the outside of a fish, looking at the inside of a fish, invent a fish, where do Arctic Char live?, migration, spawning, life cycles, food chain, studying Arctic Char, how old is that fish, fish math and Char fishing – past and present.



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## **Resources**

This resource book accompanies the teacher's guide. It provides background information on types of water pollution, how to set up an aquarium, the biology of anadromous Arctic Char, how to use scales to find the age of a fish and fish art suggestions.

### **Book # 46 Health –Nutrition**

**ISBN 0-662-21485-4**

**Medical Services Branch (1994) NATIVE FOODS AND NUTRITION An Illustrated Reference Manual. Health Canada.**

This manual comes as an educational tool for health professionals and educators. It is intended for use with the *Nutrient Bar Graphs for Native Foods*. (Note: *Nutrient Graph for Native Foods* appears not to be in the DCI resources). Its content consists of eight parts and they are as follows: Educational Objectives, Traditional Food Habits, The Role of Food in Health, Understanding the Nutrient Bar Graphs, Nutrient Value of Native Foods, Nutrition Issues of Special Concern and Sources of Nutrients Lacking in the Diet, Developing a Community Approach to Improved Nutrition and Appendices. It is a working document where more information becomes available it will be updated.

### **Book # 1182 - Education –Learning/Teaching Materials**

**Metis Nation Northern Contaminants Education Program (1995)  
Contaminants in Northern Canada Yellowknife, NT**

This book offers lesson plans for Grade 7 science under two headings: Environmental Concerns and Nuclear Energy that contains six lessons each as well as students activity sheets.

### **Book # 1183 - Education –Learning/Teaching Materials**

**Metis Nation Northern Contaminants Education Program (1995)  
Contaminants in Northern Canada Yellowknife, NT**

This book offers lesson plans for Grade 8 science under two headings: Northern Food Chains and Webs and Pulp and Paper that contains six lessons each as well as student



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**Book # 47 Heritage Archaeology**

**Nolin, Luc (1994) Report of the 1992 NOGAP Archaeological Field Activities at Fishing Bear Lake (MjTp-3) and Arctic Red River (MiTr-1) in the Lower Mackenzie Valley, District of Mackenzie, Northwest Territories. Hull, Quebec. Canadian Museum of Civilization**

This report comes with clear and explicit explanation of the excavations in Area B of MjTp-3 at Fishing Bear Lake and archaeological investigations at MiTr-1 the site on the “Flats” at Arctic Red River. It comes with a list of Figures (pictures) and Plates (pictures of archaeological evidence that were found at the sites.

**Book # 30 Heritage Archaeology**

**ISBN 0-9695202-0-4**

**Pilon, Jean-Luc (1994) NOCAP ARCHAEOLOGY PROJECT; AN INTEGRATED ARCHAEOLOGICAL RESEARCH AND MANAGEMENT APPROACH No. 2. Victoria, British Columbia. Canadian Archaeological Association**

This Northern Oil and Gas Action Plan (NOGAP) comes after the first assessments that took place along the Mackenzie Corridor in the early 1970's and in the closing of the Berger Inquiry 1977. This publication is the second phase of two part project comprises of a series of articles put together by a team of people. It shows a wide range of work that has been done in areas such as Gwichya Gwich'in Oral History Project, Heritage Sites Research, Traditional Knowledge and Training, Interpretation in Arctic Archaeology: Lessons from Inuvialuit Oral History and others.

**Book # 698 Health –Traditional Medicine/Health**

**TRADITIONAL DENE MEDICINE PART ONE REPORT (1994) LAC LA MARTRE, NWT**

This report represents historical information of the Dogrib people beliefs and traditional knowledge of medicinal plants and animal parts as well as its uses. A team of people in a participatory action research approach took ownership of this report. It is prepared in both the Dogrib language and English.



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**Book # 697 Health –Traditional Medicine/Health**

**TRADITIONAL DENE MEDICINE PART TWO REPORT (1994) LAC LA MARTRE, NWT**

This second part continues with much more uses of traditional medicinal use of plants and animal parts. It further reports on traditional medicine use for such situations such as surgical procedures, women's health and spiritual healing etc.

**Book # 1627 Environment -Wildlife**

**Westcott, Frank (1989) THE BEAVER NATURE'S MASTER BUILDER. Willowdale, Ontario. Hawke, Anthony**

This book records the life in two beaver colonies in each four seasons. Other highlights are the extensive research and the captivating aspects of beaver life and native people as they relate to the beaver.

**Book # 1180 - Education –Learning/ Teaching Materials**

**Yukon Department of Education Contaminants Found Me A Science Curriculum for all Yukoners Book One Grades 3-6**

This is book one of three books in a sub-divided curriculum on the integrated concepts of bioaccumulation, biomagnifications, long range atmospheric transport, and human health. This book is a medium for a greater depth study on contaminants in the Yukon. In this book the units are: What is a Contaminant? Grades 3/4 Exploring Contaminants, Grades 4/6 pH and Contaminant, What's the Connection and Grades 5/6 Metals and Resource Extraction,. The follow-up activities at the end of the book link First Nations' knowledge or outdoor activities.