August 12, 2004

Suzanne Robert, Manager
First Nations SchoolNet, Industry Canada
155 Queen Street, Ottawa, ON, K1A 0H5
Tel: (613) 993-5244 Fax: (613) 941-1296

Dear Suzanne:

First Nations SchoolNet Project # 30C - 486387

Keewaytinook Okimakanak is submitting this final report to complete this contract. This project was completed on schedule on March 31, 2004 with all the deliverables (activities and milestones) in our contract with the First Nations SchoolNet program successfully achieved (see the attached report).


1) IC1217 Claim Summary : COMPLETED and SUBMITTED
2) Financial Table listing total expenditures which have not already been claimed/processed by IC which were incurred and paid (include copies of invoices); COMPLETED and SUBMITTED with Final Claim Summary
3) Final Report (including accomplishments since Dec. 2002 as well as copies of all an appendix with various appropriate documentation and material of successes); SEE ATTACHED
4) Up-dated Connectivity Chart--Snapshot as of March 31st, 2004 COMPLETED and SUBMITTED on May 11, 2004
5) Final Claim Letter (attached and to be printed on your letterhead and signed). SEE ATTACHED

Thank you for your continued support in this important work.

Sincerely,

K-Net Services Coordinator
Certification of eligibility of costs

I certify that the Eligible Supported Costs and Eligible Non-Supported Costs referred to in the itemized statement:

- Have been incurred and paid;
- That the amounts claimed is net of the GST rebate;
- Are related to the activities described in Schedule A (Statement of Work); and
- Are in compliance with the requirement described in Schedule B of our Contribution Agreement #30C - 486387

Signature
ACTIVITIES AS LISTED IN THE CONTRACT

Activity A: Assess First Nations schools’ needs regarding connectivity, including internet access, number of computers, local area network (LAN) within schools;

Deliverables:
- completion of Urgent Needs Assessment in December 2002;
- completion of Comprehensive School Survey by March 2003 with data being forwarded to IC;
- development of an on-line database of First Nation schools (see Appendix 1: First Nation Schools in Ontario - Map and database);
- ongoing updating and submission of FNS statistical summary sheet;
- involvement in the planning and administration of Statistics Canada Schools and ICT survey;
- travel to First Nation schools as required to survey and document ICT equipment and connectivity solutions;

Activity B: ensure that proper legal agreements with the Ultimate Beneficiaries be executed before the said beneficiaries receive informatics hardware support under this Project or ensure that, as a minimum, the contracts already in place with the Ultimate Beneficiaries be in accordance with Annex 1 to Schedule A;

Deliverables:
- prepared, distributed and received signed agreements with each of the First Nation schools interested in working with Keewaytinook Okimakanak as the Ontario Regional Management Organization (see Appendix 2: Ultimate Beneficiaries Agreement between First Nation School and Keewaytinook Okimakanak)
- As requested by FNS headquarters, sent copies of all these agreements to Ottawa for their files

Activity C: put in place any local service contract required to meet schools connectivity requirements (ISP providers, telecommunications, hardware, software, Help Desk Service etc.);

Deliverables:
- distributed invitations to the First Nation Schools to participate in acquiring necessary equipment and establishing their school’s connectivity using local suppliers of both hardware and connectivity solutions (See Appendix 3: Invitation For ICT equipment and local connectivity solution);
- provided connectivity for broadband access to more than 10 First Nations schools (see connectivity reports) - Eagle Nest Elementary (Migizi Wazisin) in Longlac #59, Ginoogaming First Nation High School (Nimiki Migizi), Johnny Therriault Memorial in Aroland, Kanatakon School in Akwesasne, First Nations Technical Institute in Tyendinaga, JC Hill in Six Nations, Walpole Elementary School, Rainy River Library Centre, Batchewana Learning Centre in Sault Ste Marie, Fort William Alternative School (KIHS), Delores Echum Composite in
Moose Factory, along with supporting several other First Nation schools that already had shared broadband connections in their communities (ie. Sioux Lookout District First Nation schools)

- worked with several regional First Nations organizations to establish and improve connectivity solutions and partnerships - Kenjgewin Teg Educational Institute on Manitoulin Island, Anishinabeg of Kabapikotawangag Resource Council in Treaty 3, The Don Snowden Program School of Rural Extension Studies at the University of Guelph, Ontario First Nations Technical Services Corporation, Matawa First Nations Management Council; Nishnawbe Aski Nation, Northern Nishnawbe Education Council;

**Activity D:** where possible, increase the number of participating schools;

**Deliverables:**
- Identified additional First Nation K to 12 programs located on and off reserve to increase the number of participating First Nation programs to over 160 across Ontario
- Provided video conferencing equipment (Polycom unit and monitor) for 21 Wahsa Distance Education Centres located in remote First Nations across Northwestern Ontario

**Activity E:** increase technical access capacity (migrate from DirecPC subsidy to other more efficient technologies by December 2003);

**Deliverables:**
- completed and submitted a connectivity migration plan for moving schools off DirecPC by December, 2003;
- negotiated a hardware and connectivity package with RamTel for their HSI two-way satellite units to be purchased and installed in 35 First Nation sites that had no other connectivity option available
- one site (Fort Albany) required an upgrade to the system to include a second unit due to the number of systems on the single unit and the amount of traffic
- worked with several communities to migrate to a broadband connection (see Activity C) and supported the development of a local connection to the school point-of-presence (POP) to other offices in the community
- wherever possible, identified a local resource person to train, support and work with in the development of these connectivity options
- worked with other RMOs to develop their technical and on-line capacity (built web servers and portals for Manitoba and BC RMOs)
- shared open source modules and content with all partners

**Activity F:** increase use and integration of information and communication technologies (ICT) within First Nations Schools, including required training;

**Deliverables:**
- purchased hardware and software for video conferencing for several First Nations school environments (see Activity C and D);
- purchased hardware and software for each First Nations school in Ontario through a series of faxed and e-mailed invitations to work with Keewaytinook
Okimakanak in the acquisition of equipment and resources that each school identified as a priority and that would bring their computers to students ratio to a minimum of 1 to 8 (see financial reports for listing of purchases and distribution points);

- worked with each school to identify their preferred suppliers for both equipment and connectivity.
- provided web hosting services including server space, e-mail accounts, homepages, etc
- hosted a variety of on-line applications (Grade 8 Supplementary courses for example) and included First Nation schools in various events using ICTs

**Activity G:** ensure adequate number of computers per schools, the absolute minimum pro rata being set at 1 computer for 20 students;

**Deliverables:**
- this objective was surpassed with an achievement of a minimum of 1 to 8 computers to students in the schools working with Keewaytinook Okimakanak

**Activity H:** ensure Help Desk services (including hardware and software services) are available during learning hours periods by phone and on-site;

**Deliverables:**
- contracted K-Net Services to deliver 5 days a week / 10 hours per day toll-free service, with an emergency cell phone number and e-mail service for after hours issues;
- support positions filled with qualified personnel including a Network Manager (Dan Pellerin), Systems Analyst (Adi Linden), Technical Support (John Moreau, Jamie Ray), Multi-media Systems Manager (Jesse Fiddler), Graphics and Website Design (Cal Kenny);
- travelled to First Nations on an as-needed basis to train and support the development of local networking and hardware implementation and development;
- provided additional on-line content support and help desk services (see Appendix 4 - On-line Helpdesk Support);
- established a live Breeze platform environment for troubleshooting computer problems and providing training support.

**Activity I:** encourage First Nations Schools to develop their own web sites;

**Deliverables:**
- developed a First Nation Schools portal utilizing a variety of open source tools to support schools in the development and maintenance of their own web sites (see Appendix 5: FirstNationSchools.Ca Portal Description)
- provided 16 regional/community workshops for First Nations schools to use ICTs in the classroom (see Appendix 6: Web Site Development Workshops);
- developed and made available a variety on-line training and support materials for First Nations school staff, students and school administrators (see Appendix 7: On-line Training and Support Resources);
- over 60 First Nation school web sites created (see Appendix 8: List of First Nation School Web Sites)
• creation of on-line educational resource library on the FirstNationSchools.Ca portal to support on-line activities

• encouraging and supporting the using of personal e-mail addresses and personal homepage development and maintenance - over 9,000 personal homepages posted at http://myknet.org and over 15,000 personal e-mail addresses hosted at http://mail.knet.ca

• traffic monitoring and statistics made available - for example, http://myknet.org/webalizer documents the number of hits and visits on a daily, monthly and annual basis

Activity J: act as community champion by working closely with local/regional/national partner organizations to optimize connectivity solutions for First Nations Schools;

Deliverables:
• contracted with six First Nations educational organizations (Seven Generations in Fort Frances, Nishnawbe Aski Nation in Thunder Bay, First Nations Technical Services Corp in Toronto, Wawatay Native Communications Society in Sioux Lookout, Noojmowin-Teg on Manitoulin Island and Northern Links in Toronto) to develop and maintain on-line First Nations content (see Appendix 9: First Nation On-line Content Development Initiative);

• worked with local Internet Service Providers to deliver high speed connections wherever possible

• partnered with Bell Canada in identifying First Nation schools that could be connected by a T1 connection and established these broadband connections in 15 First Nation school sites in 2003-2004;

• partnered with RamTel to put two-way satellite units into those communities without any other high speed option except for dial-up service (38 units installed);

• encouraged and support First Nation schools and communities to identify and train local technicians and contacts who will work with the K-Net helpdesk to address local networking, hardware and software issues;

• worked with other RMO offices and their technicians to develop video conferencing and connectivity solutions as part of the contract;

• partnered with University of Guelph in the production of various video reference and information videos and a multi-media case study that was presented in various venues including at the World Summit of the Information Society in Geneva in December 2003

• partnering with various regional, national and international institutions and groups in conducting research and doing presentations about the RMO work

• established the Keewaytinook Okimakanak Research Institute as a spin off of the work done under the FNS RMO work and working with the Canadian Research Alliance For Community Innovation And Networking (http://cracin.ca) and the University of Toronto in the development of publications and research

Activity K: provide services in Official Languages and in languages in use in the First Nations schools on an as-and-when required basis;

Deliverables:
• prepared and hosted the Ontario Region Native Language Conference (see Appendix 10: Native Language Conference Report);
• two K-Net Helpdesk resource people are bilingual and provide French language support for those communities and other RMO regions requiring this support;
• First Nation staff and partners are able to provide Native language support for any clients requiring support.

Activity L: participate in training and other meetings related to the implementation of the project;
Deliverables:
• participated in monthly RMO meetings with other members of the team from across the country using the KO video bridge and network support team;
• monthly Ontario RMO teleconferences with FNS headquarter team;
• bi-annual RMO gatherings held in La Ronge and Sydney;
• other meetings as required with FNS headquarters, other RMO offices, etc;
• facilitated several special events with other RMO team (for example the Eel Ground FN school event).

Activity M: appoint a Project leader within the Recipient’s organization;
Deliverables:
• Brian Beaton, K-Net Coordinator is leading the ON-RMO project with a team of resource people
• Two RMO Administrators were originally hired in February 2003, Angie Morris and Barb Wong to support the development and delivery phases of the surveys and equipment distribution - both administrators have since left the project
• Jeannie Carpenter is now taking on the RMO Administrator position
• the RMO Helpdesk service provided by the K-Net Services team is covered in Activity H

Activity N: identify champions for the delivery of CISCO Systems certification programs in Aboriginal communities;
Deliverables:
• worked with the other RMOs to determine and support the project lead Randy Johns of the Sask/Alberta RMO in the development of the proposal and project;
• supported Angus Miles from Fort Severn First Nation to participate in the initial Cisco Training in December 2003 and then the delivery of the on-line training program in January and February 2004
• advertised and encouraged other First Nation technicians to participate with one other person joining the on-line training portion of the project (Jamie Ray)

Activity O: collaborate with CISCO Systems Canada in the training of facilitators to deliver CISCO Systems certification programs in Aboriginal communities;
Deliverables:
• see Activity N
• participated in planning meetings and provided ongoing feedback and input into the project
**Activity P:** prepare equipment and facilities for the delivery of CISCO Systems Internet-based training in Aboriginal communities;

**Deliverables:**
- see Activities N and O
- supported two First Nation technicians to participate in the initial training

**Activity Q:** install the necessary equipment for phase one of a national video-conferencing network connecting all six of the First Nations SchoolNet regional management organizations (RMOs) and involving not fewer than two Ontario First Nations schools which have already acquired video-conferencing services;

**Deliverables:**
- Phase one of the national video conferencing network was completed in February, 2003 with each of the six RMO receiving and installing a dedicated T1 connection and a Polycom video conferencing unit;
- see Appendix 11: Map of RMO connected video conferencing sites

**Activity R:** demonstrate the potential of the phase one video-conferencing network for innovative applications for schools which would also contribute to the betterment of the general well-being of First Nation communities;

**Deliverables:**
- the second RMO gathering held in LaRonge, Sask featured the use of this network and demonstrated the potential for bringing groups together and archiving these live sessions using a variety of tools created by KO staff;
- monthly RMO meetings have been held using the video conferencing network;
- visitors, guests and many special events hosted by each of the RMOs involve the use of the network to include other sites across the country
- installed and supporting a Macromedia Breeze server for presentations and e-learning applications for use by First Nation schools
- installed and supporting a Starbak streaming server for webcasting and archiving live video conference sessions and gatherings
- the Kuhkenah Smart International Gathering held in March, 2004 connected Indigenous groups from around the world using this network (see Appendix 12: Archive of Conference Sessions)

**Activity S:** foster involvement of multiple stakeholders for the purposes of laying the foundation for post Phase 1 broader and long term collaboration with:
- First Nations educational officials;
- First Nations community champions, enterprises and non-profit organizations;
- federal and provincial government departments interested in extending improved services to small remote communities;
- e-learning producers;
- telecommunications companies and other private sector service providers;
• other stakeholders;

**Deliverables:**
- the Semi-annual RMO-FNS Program Meetings are attended in person (Spring 2003, Fall 2003, Spring 2004) as well as connected to each RMO site via video conference allowing the sessions to be webcast and archived for future reference
- various gatherings have included and demonstrated the potential for this video conference network and its applications in administration, education, health and in all sectors at a local, regional, national and international level

**Activity T:** install the necessary equipment for phase two of the video conferencing network, expanding the network to include not fewer than 10 additional First Nation schools;

**Deliverables:**
- See Appendix 12 for a List of First Nation Schools with Video Conferencing Equipment
- the web site development workshops were conducted in sites that have the video conferencing equipment so the workshop facilitator and participants could experience the use of video conferencing for training and meeting applications

**Activity U:** experiment with multiple applications and assess potential benefits associated with phase two of the video-conferencing network including: support for education, youth at risk, e-learning (education and training), speech pathology;

**Deliverables:**
- various applications developed and delivered that integrated the use of video conferencing in the schools with e-learning and school support resources (see Appendix 13 - Grade 8 On-line Supplementary Courses)
- telehealth applications such as speech pathology is available and has been used by the KO Telehealth network (See Appendix 14 - KO Telehealth Portal)
- expansion of the network services and the model to include other RMO regions is demonstrating its growth and potential for all First Nations (ie. the Atlantic RMO region’s video conferencing initiative, the Quebec RMO video conferencing network, etc)

**Activity V:** explore the value of the network to meet a wide range of community needs and other social and economic development concerns such as self-help support networks (addiction, family violence, cancer, etc), requirements to connect with specialized services found only in large urban centres (eg: medical diagnosis, legal/justice system services, visiting a loved one in the hospital while consulting health care practitioners, etc).

**Deliverables:**
- developing the capacity in First Nations and their organizations to develop local community networks and on-line applications, ie supporting the community aggregation model as presented by the National Broadband Task Force (June 2001)
• contracts with First Nations organizations to develop a variety of on-line First Nations content in a variety of sectors including health, careers, suicide prevention, historical and cultural content, Native language.

OTHER DELIVERABLES:

• Research and documentation initiatives in partnership with Universities of Guelph and Toronto and the Institute for Connectivity of the Americas (ICA) - see http://smart.knet.ca/kuhkenah_flash.html with world wide circulation
• IT networking and support work with other RMOs resulting in expansion of video conferencing networks in each region
• Successful application to National Satellite Initiative in partnership with Kativik Regional Government and Keewatin Tribal Council to secure access to an entire Telesat C-Band transponder
• Securing funds to develop the C-Band Network Management System; local dark fibre loop in Sioux Lookout; expansion of server and storage farm; video bridge; streaming server; IP telephony initiative in five First Nations; construction of new buildings for Internet High School in First Nations; expansion of telehealth applications and broadband connectivity in many First Nations across Ontario
• Development of new partnerships, relationships and capacity in First Nations and other indigenous groups across Canada and around the world (Maori in New Zealand, Inuit in Northern Quebec and Northwest Territories
• Several meetings and visits by Federal and Provincial gov’t officials and decision makers to First Nations and to learn about community-based broadband infrastructure solutions
• Support for provincial territorial organizations (PTOs) and First Nation leadership to learn about these ICTs and their applications with presentations, displays and demonstrations at different events throughout the contract
Appendices

1. First Nation Schools in Ontario - Map and database
2. Ultimate Beneficiaries Agreement between First Nation School and Keewaytinook Okimakanak
3. Invitation For ICT equipment and local connectivity solution
4. On-line Helpdesk Support
5. FirstNationSchools.Ca Portal Description
6. List of Web Site Development Workshops and Schedule
7. On-line Training and Support Resources
8. List of First Nation School Web Sites
9. First Nation On-line Content Development Initiative
10. Native Language Conference Report
11. Map of RMO connected video conferencing sites
12. List of First Nation Schools with Video Conferencing Equipment
13. Grade 8 On-line Supplementary Courses
14. KO Telehealth Portal
Appendix 1. First Nation Schools in Ontario - Map and database
Appendix 2. Ultimate Beneficiaries Agreement between First Nation School and Keewaytinook Okimakanak
MEMORANDUM OF AGREEMENT
Between
First Nations School (Ultimate Beneficiary) and
Keewaytinook Okimakanak (K-Net Services) (Regional Management Organization)

Description of Project

The project described here is the implementation of the First Nations SchoolNet Program in _________________ School.

The First Nations SchoolNet Program is an Industry Canada Initiative that assists First Nations schools to integrate Information and Communication Technology into their operations. Keewaytinook Okimakanak (K-Net) has been selected as the Regional Management Organization (RMO) for First Nations SchoolNet in Ontario. As the Regional Management Organization, K-NET will administer the First Nations SchoolNet Program.

The project will entail the following activities:

a) Assessment of First Nations Schools' needs regarding connectivity, including internet access, number of computers, local area network (LAN) within schools;

b) Assisting First Nations Schools to put in place local service contracts required to meet connectivity requirements;

c) Increasing use and integration of information and communication technologies (ICT) within First Nations Schools;

d) Increasing number of computers in First Nations Schools with a target of a minimum ratio of 1 computer for 20 students;

e) Providing Help Desk services for connectivity, hardware, and software, for First Nations Schools during learning hours periods;

f) encouraging and supporting First Nations Schools to develop their own web site.

Intended Purposes

The First Nations Schools shall ensure that all goods and services received under this agreement shall be used for the intended purposes of the project as outlined above. As such, if goods are purchased for the benefit of First Nation School, the ownership titles and custody of the equipment rest with the said First Nation School. Goods purchased under this agreement must be located at the First Nations School, and used within operations of the school for the educational benefit of the students.

Access to Premises
The First Nations School will provide the Regional Management Organization reasonable access to the First Nations School's premises, including intermediate third parties under contract with the Regional Management Organization for the completion of this Project, and any premises where the Project takes place to assess the progress of the Project or any element thereof and supply promptly on request such information as the Minister may reasonably require for statistical or project evaluation purposes.

Project Announcements

The First Nations School hereby consents to public announcements by or on behalf of the Minister of Industry or the Regional Management Organization relating to this Agreement, the Project, and any of the information in the documents attached hereto.

Acknowledgment of Contribution

The Recipient will publicly acknowledge Industry Canada's Contribution in the following manner:

by clearly and prominently identifying this agreement to the public, using all promotional and advertising tools provided by the Minister or the Regional Management Organization and wording satisfactory to the Minister, such as "The Government of Canada provides funding for this initiative"; and

by acknowledging the Contribution in all public activities relating to the Project, including announcements, interviews, press releases, ceremonies, advertising and promotional activities, speeches, lectures, publicity, and recruitment procedures.

Roles and Responsibilities

The roles and responsibilities of the First Nation School and the Regional Management Organization under this agreement are as follows:

Regional Management Organization

a) Realize the goals of the First Nations SchoolNet Program as outlined in the Project Description above.

b) Determine amount of funding or support available for each school after carrying out an initial assessment of needs through a survey process. While staying within the available funding level, providing support to the school to meet the computer ratio of 1 computer for 20 students and provide seed funding for First Nations Schools' connectivity requirements through the schools or through local service contracts.
c) Provide Help Desk services, or contracting for such services for First Nations schools to assist with connectivity and LAN operations.
d) Provide access to on-line professional development training for teachers and staff.
e) Provide information for teachers about on-line educational resources.
f) Provide information for schools about available on-line courses for their student population.

First Nations School

a) Availability of personnel for two telephone surveys on information technology assessment for the Regional Management Organization.
b) Agreement to adhere to the clauses of this agreement.
c) Promote school staff awareness of on-line professional development training made available for teachers and staff through the Regional Management Organization.
d) Promote teachers' use of on-line educational resources in their day to day lesson planning.
e) Promote consideration of on-line classes as options for students who cannot access those classes through traditional classroom instruction at the school.

Default and Remedies

This agreement may be declared in default if any term, condition or undertaking in this Agreement is not complied with in any material respect and any such defect has not been cured by or remedied by the Recipient within thirty (30) days or written notice of such defect having been provided to the Recipient.

If a default has occurred, in addition to all other remedies provided under contract laws, the following remedy may be exercised: terminate any obligation to contribute or continue to contribute to the Eligible Costs of the Project, including any obligation to pay any amount owing prior to the date of such termination.

Project Completion Date
This agreement is in effect until March 31, 2004.

Signed:

First Nations School Representative  K-NET Representative
Appendix 3. Invitation For ICT equipment and local connectivity solution
Memo

TO: Chiefs and Councils, Educational Coordinators and Committees, and School Administrators of Ontario First Nations

FROM: Brian Beaton, K-Net Services Coordinator

DATE: December 9, 2002

Re: First Nations SchoolNet - Ontario Regional Management Organization

This letter is to introduce Keewaytinook Okimakanak (K-Net) as the Regional Management Organization for Industry Canada's First Nations SchoolNet program. We recently signed a contribution agreement with Industry Canada to provide administration of the program for First Nations Schools between now and March 31, 2004. The First Nations Schoolnet Program has provided Internet connectivity assistance to First Nations schools since the late 1990s.

In order to provide better services for First Nations Schools under SchoolNet, Industry Canada invited proposals for Regional Management Organizations to administer the program as it continues. Our organization entered that competition and has been offered the role of Regional Management Organization for First Nations Schools in Ontario.

Our proposal was based on our experiences in implementing Information and Communications Technology with First Nations and provincial schools in Northern Ontario. Through a series of projects, we have worked with schools to better their connectivity, maintain their systems, train their teachers in technology use, and deliver on-line courses. Our corporate vision is to use Information and Communications Technology to increase the educational opportunities available in First Nations and remote communities.

Keewaytinook Okimakanak is a registered Ontario non profit organization. Our membership is comprised of partner First Nations located in Northern Ontario. More information about all of our activities is available at our website at http://knet.ca.

Through the First Nations SchoolNet Program, we can provide assistance to schools for connectivity and hardware costs. We will also provide Helpdesk services for troubleshooting local area network and connectivity problems. Under our contribution agreement with Industry Canada, the first steps to providing these services are completion of a survey of school needs, and signing of a Memorandum of Agreement with the schools. You will find copies of the survey and the memorandum attached.
Your school will be contacted by one of our representatives by phone in the very near future to complete the survey and to answer any questions about the agreement. If you want to complete the survey beforehand and fax it back to us, please do. If you want to sign the agreement and send it in by mail, go ahead.

A list of K-Net representatives and contact information is provided below. We look forward to working with your school through the First Nations SchoolNet Program.

Ontario First Nations Helpdesk - Toll Free 877-737-KNET (5638)

   John Moreau - Helpdesk Coordinator - jmoreau@knet.ca
   Jamie Ray - Helpdesk Assistant - jamieray@knet.ca

Keewaytinook Okimakanak Office
   (807) 737-1135 (main phone)
   (807) 737-1720 (fax)

Sincerely,

Brian Beaton
K-Net Services Coordinator
Keewaytinook Okimakanak
Thirty-five First Nation schools across Ontario were identified during the completion of the Urgent Needs Assessment and the Comprehensive Needs Assessment surveys as having marginal (low speed) or no connections to the Internet. Your community school was one of the sites within this category.

Under the SchoolNet Program, Keewaytinook Okimakanak was able to secure funding to support these schools to upgrade their connection to the internet on a temporary basis using a two-way satellite system. Keewaytinook Okimakanak completed the negotiations with RamTel to lease these systems for a one-year period and purchase one year of connectivity service effective from the date of installation.

Our deployment strategy involves installing one unit in those communities that have no other internet connectivity solution better than a dial up service. If more than one school exists in that community then local community solutions using either wireless, DSL or other appropriate solutions will be developed in consultation with the school and the community. The community school will be supported and encouraged to work with other organizations and programs, for example the Band Office, to identify funding and equipment strategies to connect these groups to this resource.

This arrangement is a term agreement (temporary) for the following reasons:
• Keewaytinook Okimakanak is encouraging and supporting First Nation schools to be an active partner in the development and operation of local broadband solutions. Therefore once a local high speed solution is in place this equipment will be removed and the connectivity dollars for the school from the RMO SchoolNet program will be made available to the local service provider or community broadband network.
NOTE: In this case the unit will then be moved to another community where there is a need for a single internet connection.

• Keewaytinook Okimakanak’s contract with Industry Canada is only in place until March 2004 at which time the responsibility for the ongoing connectivity charges will have to be covered by the school unless the SchoolNet Program and funding support is extended beyond this date.

NOTE: If no other connectivity option is available after one year, then the school or your community will have the choice of purchasing this unit for one dollar or returning the unit to KO for relocation to another site.

Your community school is being invited to participate in the development of this connectivity initiative. To be able to participate we need to receive some additional information from your community. We require the following:

• A signed copy of the Acceptable Use Policy for the use of this equipment which includes an understanding to share the use of this resource with other community groups when the opportunity becomes available.

• A local contact person who will work with us to get the Site Survey form completed to determine the best way to set up this equipment at your school or at a location that the community, in consultation with the Chief and Council and other community groups determines to be the most appropriate for the school’s needs.

It must be understood that there is a limit on the monthly traffic that can be accessed on this service (3 Gigabytes of downloads). Once this limit is reached for that month the service is stopped until the start of the next month. This arrangement was made because we were able to negotiate a good deal for the service allowing us to pay for the service a year in advance at the rate of $345 per month.

The main challenge with these two way satellite internet connections is their inability to deliver broadband applications (especially two way symmetrical video which is required for telehealth services). Keewaytinook Okimakanak is working with First Nations across the country to ensure that adequate broadband solutions are developed in each First Nation, as described by the Assembly of First Nations and Grand Chief Matthew Coon Come. Therefore everyone needs to understand that these two way satellite units should not be considered a "broadband solution" for your school or your community. This solution is only delivering an Internet connection at a higher speed than what was originally in place.

Keewaytinook Okimakanak staff are interested in working to develop video conferencing connections with those First Nation schools that are ready to take on these opportunities and introduce the broadband infrastructure that will
support this application. We want to lever the existing investments by SchoolNet to access additional funding resources from local and regional federal and provincial funding bodies to obtain video conferencing equipment in these schools. Your team is welcomed to work with us to bring these types of opportunities into your community.

The staff at Keewaytinook Okimakanak are hoping to install this equipment as quickly as possible in those communities that complete the required documentation. One opportunity that some First Nations developed is to employ local young people over the summer months to supervise local computer camps and support community access for public use of this service. By installing the equipment before the end of this school year, we want to support the local community school to utilize this new service as quickly as possible for the benefit of the students and the whole community.

As the support agency for Industry Canada’s SchoolNet program, Keewaytinook Okimakanak wants to encourage and support First Nation schools and communities to become the leaders in developing innovative social and economic applications using these resources. To support these developments, our helpdesk service and support team are building on-line tools for community schools to produce their own web sites with their own unique address (visit http://FirstNationSchools.Ca for more information about this service). There are on-line tools available for students to obtain their own e-mail account at http://mail.knet.ca and produce their own web sites at http://myknet.org (after they have their own mail account). First Nations are now producing their on-line information portals using these on-line tools that we are supporting. For example, everyone is invited to visit http://deerlake.firstnation.ca or http://keewaywin.firstnation.ca or http://sandylake.firstnation.ca to see how some communities are developing these on-line tools.

We look forward to working with your school and your local technician to bring this opportunity to your community school.

Attachments:
  • Acceptable Use Policy (to be signed and returned)
  • Site Survey (to be completed by calling KO staff at 877-737-5638 (KNET)
TO: First Nation Schools and Organizations Partnering with Industry Canada’s First Nations SchoolNet Program and Keewaytinook Okimakanak

FROM: Angie Morris and Barb Wong
Keewaytinook Okimakanak’s Program Administrators for the Ontario Regional Management Organization for the First Nations SchoolNet Program

DATE: September 15, 2003

RE: Video Conferencing Pilot Project and Broadband Connectivity in First Nation Schools and Communities

We are working with Industry Canada’s First Nations SchoolNet program to put video conferencing services and the required broadband connectivity into several First Nation schools across Ontario. These schools were identified as having the necessary infrastructure for this equipment when we completed the survey this past spring. Your community school was one of the sites within this category. We would like to invite your school and community to be part of this demonstration project involving the installation and utilization of these broadband communication tools.

Under the SchoolNet Program, Keewaytinook Okimakanak’s K-Net staff were able to recently secure additional funding to support some schools to upgrade their connectivity to a high speed, broadband connection until March 31, 2004. Keewaytinook Okimakanak technical staff are working with Bell Canada and Industry Canada to lease a T1 (1.5Meg) for the entire school year for your school. Along with the high speed connection, an IP Polycom video conferencing unit, a 32" monitor and mobile stand will be provided (a picture of a unit is attached). Other equipment to complete the connection will also be provided but will vary from one site to the next (ie. router, switch, cabling, etc).

The First Nations SchoolNet helpdesk staff will work closely with your staff to support the use of the high speed connection by other organizations and groups in your community. We want to support your use of this connection to link other groups and organizations with your school and community.

This arrangement is a term agreement for the following reasons:
• Industry Canada’s SchoolNet funding is only in place until March 31, 2004. We are asking that the lease for the T1 connection be extended to the end of the
school year (June 2004) but this extension has yet to be confirmed.

- When the SchoolNet connectivity funding is completed then the school and the community will have the choice of either continuing to purchase the service or terminating it in place of some other connectivity solution (the equipment and resources put in place during this pilot become the responsibility of the school and partnering organizations).

Your school is being invited to participate in the development of this connectivity initiative because it has been identified as having the necessary infrastructure and strategic location to serve as a demonstration for other schools in your region. To be able to participate in this pilot project we need to receive some additional information from your community. We require the following:

- A signed copy of the Partnership Agreement for the use of this equipment which includes an understanding to share the use of this resource with other community groups when the opportunity becomes available. Keewaytinook Okimakanak is encouraging and supporting First Nation schools to be an active partner in the development and operation of local broadband solutions. Therefore working with community groups to help support the ongoing cost and operation of a local high speed solution is encouraged.
- Agreement and support for support staff, students and community members to participate in planned video conferencing events. Willingness to explore opportunity local applications for using this equipment and resources.
- The local contact person will work with us to organize and participate in video conferencing events, gather and forward the event evaluation forms, attend one workshop to meet other project participants and learn to use the equipment (video conferencing bridge and gateway). They will be trained and supported by the HelpDesk and will be able to set-up/monitor and troubleshoot all videoconference events during the term of this project.
- A commitment to actively participate in the:
  - planned professional development activities that will be offered to the schools,
  - ongoing evaluation and documentation of the use of these resources for both academic and professional activities,
  - on-line discussions and sharing of work being undertaken within this project,
  - promotion and further development of these resources in other First Nation schools across Ontario and Canada.

The connectivity solution being introduced is presently being used in a number of remote First Nations across Northern Ontario. Today this solution is supporting a variety of broadband applications including telehealth and local cable ISP services to the homes. Keewaytinook Okimakanak is working with First Nations across the country to ensure that adequate broadband solutions are developed in each First Nation.
Keewaytinook Okimakanak staff are interested in working to develop other video conferencing applications with those First Nation schools and organizations that are ready to take on these opportunities and introduce the broadband infrastructure that will support this application. We want to lever the existing investments by SchoolNet to access additional funding resources from local and regional federal and provincial funding bodies to obtain video conferencing equipment in these schools. Your team is welcomed to work with us to bring these types of opportunities into your community.

The staff at Keewaytinook Okimakanak are hoping to install this equipment as quickly as possible in those communities that complete the required documentation. Your timely completion of the attached Partnership agreement will allow us to order the connection and equipment right away.

As the support agency for Industry Canada’s SchoolNet program, Keewaytinook Okimakanak wants to encourage and support First Nation schools and communities to become the leaders in developing innovative social and business applications using these resources. To support these developments, our helpdesk service and support team are building on-line tools for community schools to produce their own web sites with their own unique address (visit http://FirstNationSchools.Ca for more information about this service). There are on-line tools available for students to obtain their own e-mail account at http://mail.knet.ca and produce their own web sites at http://myknet.org (after they have their own mail account). First Nations are now producing their on-line information portals using these on-line tools that we are supporting. For example, everyone is invited to visit http://deerlake.firstnation.ca or http://keewaywin.firstnation.ca or http://sandylake.firstnation.ca to see how some communities are developing these on-line tools.

We look forward to working with your school and your local technician to bring this opportunity to your community.

Attachment:
- Partnership Agreement with the required site information (to be signed and faxed back to K-Net at 807-737-1720)
Video Conferencing Partnership Agreement

School Name: ___________________________ Community: ___________________________
Phone Number: __________________________ Site Contact: __________________________
e-mail address: __________________________

Signature of Signing Authority: _________________________________________________
Date: _________________________________

WHAT IS NEEDED AT THE SCHOOL:

* A secure space for the Video conferencing unit where people can meet without interruptions (a meeting room, the teacher’s lounge, etc). The equipment will be on a mobile cart but it is not recommended to be moved because the cabling requires a dedicated port that can be programmed for the video traffic (to ensure quality of service - QOS, providing a clear picture). The room needs to have a telephone in it.
* A router in which the T1 equipment from Bell Canada can be connected along with a switch which will have the dedicated video port. Please let us know if a router already is in place at your location.
* Commitment to participate in the scheduled video conferencing professional development series for educators that is being planned. Suggestions for sessions will be solicited from all the partners working with this project. A willingness to coordinate and host a session would be appreciated.
* A local First Nations person from the community who works at the school and who is willing to be the main contact for:
  • dealing with technical issues if and when they arise;
  • receiving and distributing information about upcoming video conferencing events;
  • working with local staff to use the video conferencing equipment for workshops, special meetings, accessing resource people, etc;
  • participating in a training session for the use and support of this equipment;
  • distributing and collecting evaluations and feedback about the use of these communication tools.

SITE INFORMATION:

The Site information is extremely important. It provides the necessary information to determine where the video conferencing and T1 connection will be installed, the type of equipment that is required to make it work in your school.
and the amount of cable required to complete the installation. Digital pictures of
the actual site where you will be locating the T1 connection and the video
conferencing equipment will be a tremendous help to us as we want to move
quickly to complete this work so everyone will have the maximum amount of time
to use these resources. The more information that is provided to us will help us
to complete the installation more smoothly with less disruption to the school
activities and reduce the potential for additional costs for this work.

Please provide the following information as accurately as possible.

1. Provide the actual street and mailing address along with the telephone
   number where the T1 connection will be installed.

2. With the restrictions on time and resources, we do require the video
   conferencing unit to be located in the same building as the T1 connection?
   How far away is the room where the video conferencing unit is to be located
   from the location of the T1 connection?

   Are there any obstructions between the two locations that may pose a
   problem for connecting the two locations?

3. Please use a digital camera to take some pictures of the sites where the video
   conferencing equipment will be located as well as where the T1 connection
   will be placed so we can be prepared to complete the install in one visit. E-
   mail these pictures to angiemorris@knet.ca, barbwong@knet.ca, and
danpellerin@knet.ca

INSTALLATION DETAILS

4. What is the approximate distance from where the present phone equipment is
   located to where the video conferencing unit is to be located?

5. Once the T1 connection is installed and operational, high speed internet
   services can be made available for each site connected to your community
   network.

   a. Is high speed internet access over this connection required in other
      locations in your community?

   b. What is the topology for each site with regards to networks? For example
are there existing networks and ISP services reaching your community?

c. Approximately how many computers will be connected on each network?

6. If you are going to connect other networks to the T1 connection, you will require a router.
   a. Do you have a router available?
   b. If so what is the make and model?

7. If there is a Network administrator on site, what is the name and contact information for that person?

If you do not have a network administrator on site, who will be technical person administering this project (we recommend a local First Nation person who lives in the community year round and who is interested in developing these skills)?

SHIPPING INSTRUCTIONS:

8. What is the method of shipping the equipment to the site? Who will it be sent to?

9. Where would you recommend purchasing a 32" television monitor and a suitable stand, so this can be easily delivered to your school? We need the name, address and telephone number so this equipment can be ordered quickly.

Notes:
   Are there any other notes of particular interest that may have an impact on the installation or operation of the T1 connection and video conferencing equipment?

Thank you for taking the time to review this information and for your interest in working with us.
The Video Conferencing Workstation in the Keewaytinook Okimakanak office in Sioux Lookout

- Camera with standard lens
- 32 inch Monitor
- Moveable Microphone
Appendix 4.  On-line Helpdesk Support
INCLUDES:
FREE Online Services

Signup for Free Email Account!
Activate your Free Website!
Enable PostNuke Website Manager!
Get Help for Your Website!
Online Help Desk

Online Guides to Getting your Website Going

How to Sign Up for an Account at FirstNationSchools.ca - Flash Presentation
The steps you need to go through to get your website activated.

How a Website Works - Flash Presentation
The basics of a browser, website, and server
Developed by K-Net Services, with content borrowed from "pnMyGuide, ©2004 Craig Heydenburg".

PostNuke Guides

PostNuke New Users Guide - Part 1 - Flash Presentation
This guides you through using the various PostNuke tools to build your website.
Developed by K-Net Services, with content borrowed from "pnMyGuide, ©2004 Craig Heydenburg".

PostNuke "pnMyGuide" or "Dummy's Guide to Postnuke" - HTML Site
This guide takes you through the other features and modules of PostNuke and how it works. Not all of the modules listed in this guide are activated on the FirstNationSchools.ca websites.

Official PostNuke Installation and Getting Started Guide - HTML Site
Appendix 5. FirstNationSchools.Ca Portal Description
FirstNationSchools.Ca
Providing online tools for First Nation schools and communities

FirstNationSchools.Ca is another service of K-Net Services providing your school and community with access to sophisticated online communication and collaboration tools. The online toolkit is a collaborative product developed in partnership with Industry Canada’s First Nation SchoolNet Program, Smart Communities Program and FedNor. All the online tools are open source and therefore are made available to you at NO COST so you are able to create and share your school information.

FirstNationSchools.Ca is easy to use, lets you connect with other members of your school, meet online, post information, provides centralized scheduling and more. It is free for any First Nation School that wants to use it. It supports an online presence for your students, teachers, administration, classes, sports teams, clubs, cultural and special interest groups, recreation clubs - you name it!

With FirstNationSchools.Ca's flexible and user-friendly web-based tools, your private online school web portal will be up in minutes. With no software to download and no programming knowledge required, you can manage and customize your school portal in minutes and on a regular basis. Use FirstNationSchools.Ca to share knowledge and communicate effectively with other First Nation schools, your peers, friends and customers. Each FirstNationSchools.Ca group is provided with a secure space and is accessible to all members over the internet, from any location.

Your FirstNationSchools.Ca site can be used to:
- Establish your school’s own web portal
- Assign classes, students, staff their own personal e-mail address
- Post school information online
- Engage in community discussions about your school
- Share images and create photo galleries
- Exchange files among staff, students and parents
- Chat live in real-time
- Schedule and organize events in the online calendar
- Recognize students’ work and the school’s achievements
- Collaborate on innovative online activities with other First Nation schools
- And so much more ...

FirstNationSchools.Ca is one of the services from the K-Net under its mandate as the Ontario Regional Management Organization providing ICT and connectivity support and solutions along with developing online services for all sectors of First Nation schools in Ontario.

THE GOAL OF FirstNationSchools.Ca:
FirstNationSchools.Ca supports all First Nation schools in developing innovative online applications and services for their students and the communities. Showcasing First Nation students and schools online will support further developments and opportunities for First Nation education across the province and the country.
SIGNING UP FOR A FirstNationSchools.Ca Account:
Each First Nation school is invited to sign up for your own FirstNationSchools.Ca account by visiting http://FirstNationSchools.Ca. The account will have the form:

YOUR-SCHOOL-NAME@FirstNationSchools.Ca

resulting in your school’s URL address being
http://YOUR-SCHOOL-NAME.FirstNationSchools.Ca

An important hint for deciding your school’s online name include trying to keep it short and simple so people do not make typing mistakes and have a hard time remembering your URL address. Making sure that the school’s secretary keeps the account information (username and password) in a secure location so only appointed individuals can have access to the account to update and maintain your school’s web portal and information.

STORAGE AND FAIR USE POLICY AT FirstNationSchools.CA:
Schools will be able to use up to 20M of storage space for their web portal on the FirstNationSchools.Ca storage box. Each student will have access to up to 5M of storage.

SUPPORT and HELPDESK SERVICES AVAILABLE:
Angie Morris and Barb Wong are the Ontario SchoolNet Program Administrators for the Regional Management Organization serving First Nation schools across Ontario. They can be reached toll free at 1-877-737-KNET (5638).

Angie is responsible for supporting the development and maintenance of the http://FirstNationSchools.Ca web portal. She will be approving new accounts and providing troubleshooting and helpdesk services to online users. Angie and Barb are working with a team of K-Net technicians who will also be available to answer technical questions concerning your connectivity, hardware and software. As well everyone is encouraged to use the help feature available with most of the online tools.

YOU ARE INVITED TO CHECK OUT http://FirstNationSchools.Ca TODAY and JOIN ALL THE OTHER FIRST NATION SCHOOLS ONLINE!!
Appendix 6. List of Web Site Development Workshops and Schedule
First Nations SchoolNet Web Site Construction Workshops

Coming to a location near you!

The purpose of these two-day intensive workshops is to provide you with all of the knowledge that you need to create a web site for your First Nations School using the PostNuke content management software... PostNuke is user-friendly freeware that can be downloaded free of charge from the Internet... Its easy to learn and fun to work with...

There is no registration fee for First Nations schools community members including Directors of Education, Education Counselors, Education Authority chairs and members, teachers, teacher assistants, tutor escorts and support staff of First Nations community schools...

If you apply yourself, by the time the workshop is over, you will have a school web page and the knowledge to share with others who want to create their own portal to the Information Highway!...


For more information, check out the First Nations SchoolNet Web Portal at http://firstnationschools.ca/ or email brianwalmark@knet.ca ...

Sioux Lookout
Date: June, 2003
Address: Sioux Lookout

Sioux Lookout
Date: December 16th & 17th, 2003
Address: SLAMB Board Room
115 King Street
Sioux Lookout

Thunder Bay
Date: January 15th & 16th, 2004
Address: Keewaytinook Okimakanak (Thunder Bay sub office)
135 Syndicate Ave N
Thunder Bay, Ontario

Workshop Participant Evaluation Form:
Couchiching First Nation
January 29th and 30th, 2004
Address:
Seven Generations Educational Institute
1455 Idylwild Drive, Fort Frances

Moose Factory
Date: February 17th & 18th, 2004
Address:
Delores Echum Composite School
28 Amisk Street, Moose Factory, Ontario

Ginoogaming First Nation
Date: February 19 & 20, 2004
Address:
Nimiki Migizi High School
100 Balsam Road, Longlac

Sioux Narrows
Week of February 23rd, 2004
Address:
Anishinaabeg of Kabapikotawangag Resources Council
Northwest Angle #37 (near Sioux Narrows)

Sault Ste. Marie
Date: March 1st & 2nd, 2004
Address:
Batchewana Learning Centre
15 Jean Avenue, Sault Ste Marie

Ohsweken (near Brantford)
Date: March 10 and 11
Address: JC Hill School
1772 Fourth Line, Ohsweken

Guelph
Date: March 12 & 13th, 2004
Address: The Don Snowden Program
School of Rural Extension Studies
Architecture Building #104
University of Guelph,
Guelph, Ontario

Nipissing First Nation (near North Bay)
Date: March 18 & 19th, 2004
Address:
Anishinabek Nation - Union of Ontario Indians
Nipissing First Nation
Five Minutes West of North Bay on Hwy 17

Mohawks of Akwesasne
Date: March 25 and 26th, 2004
Address: TBA
Akwesasne

M’Chigeeng (on Manitolin Island)
Date: March 30th &31st, 2004
Address:
Kenjgewin Teg Educational Institute
30 Lakeview Drive, M’Chigeeng

Ojibways of Pic River First Nation
Date: April 2, 2004
Pic River Elementary School
Appendix 7. On-line Training and Support Resources
Website Help and Support

Jesse Fiddler, jessefiddler@knet.ca
Cal Kenny, calkenny@knet.ca

Computer, Network and Video Conference Support

John Moreau, Hardware and Software Technician, jmoreau@knet.ca
Jamie Ray, HelpDesk Technician, jamieray@knet.ca

Administrative and Special Projects Support

Brian Walmark, Special Projects Facilitator, brianwalmark@knet.ca
Barb Wong, Regional Administrator, barbwong@knet.ca
Brian Beaton, K-Net Services Co-ordinator, brianbeaton@knet.ca

Toll-Free

1-877-737-5638 (KNET)

Telephone

(807) 737-1135

Fax

Web Site Production

Preparing your Computer

You will need to install the programs that we will be using for these tutorials as well as making sure that your computer has the necessary display settings to work comfortably with this tutorial and programs.

START NOW!

Planning your Website

Before you dive into creating your website, you will need to answer some of the questions of what your website is for, who is it for, what you want in your website, how will it look and how will it be organized. By going through these steps and question, it will save you a lot of time that could be wasted further along the road.

START NOW!

Creating an Web page

Here you will get an introduction to HTML, how it works and you will create a simple webpage.
Appendix 8. List of First Nation School Web Sites
NOTE: 89 different ONTARIO First Nation School Web Sites links available from this page
Appendix 9. First Nation On-line Content Development Initiative
Updates

Keewaytinook Okimakanak is working with Industry Canada’s SchoolNet program and up to six Ontario regional First Nations partners, in developing online/multimedia programs and/or materials for use by First Nations students. Nogomwin-Teg Health Centre on Manitoulin Island, Ontario, Wawatay News in Sioux Lookout, Ontario, Seven Generations Educational Institute in Fort Frances, the Ontario First Nations Technical Services, and Nishnawbe Aski Nation were selected as partners in this initiative as of November 2003.

Nogomwin-Teg is developing a health information portal as part of its partnership with First Nations SchoolNet while Wawatay News is working on creating new on-line student learning tools. Ontario First Nations Technical Service is organizing a virtual career fair with the funding it has received. Seven Generations Education Institute is using its funding to pilot its First Nations Language and Academic Curriculum Materials while Nishnawbe Aski Nation is developing an on-line Youth Suicide Prevention Project. Northern Links is offering Grade 8 Supplementary Courses in Science, English and Math. Each of these projects will play a significant role in bridging the grade gap that many of our students face as they enter secondary school. To learn more about these projects, follow the links to each progress report. Updates will be provided monthly.

For news and information about these and other projects associated with the First Nations SchoolNet Web Portal check out our website at http://firstnationschools.ca/ Email briarmarle@knet.ca with questions or comments about any of these projects!

Sub-content(s):
- Health Information Web Portal
- Aboriginal Virtual Career Fair
- On-Line Student Learning Tools
- Youth Suicide Prevention Online Project
- Language and Academic Curriculum
- Grade 8 Supplementary Courses


NOTE: See the Final Report for this initiative at:

Culminating Workshop for the K-Net/First Nations SchoolNet Online Content Partnership Project

March 23-24, 2004

Report

Prepared for:
K-Net Services
Sioux Lookout, ON
ATTN: Brian Beaton

Prepared by:
Florence Woolner and John Rowlandson
Appendix 10. Native Language Conference Report
Welcome to the Learning Language On-line Website

iishkiiishiwewin Learning Language Conference Final Report posted

The final report for the Canada's First Nations Schoolnet Native Language Conference that was held in Thunder Bay is now available on line. The conference website contains all of the information package material that was distributed at the conference.

- Click here to view the Final Conference Report. (1.29M pdf file)

Learning Language - iishkiiishiwewin - On-Line Conference for Ontario Aboriginal Teachers / Instructors
March 23 & 24, 2004
THUNDER BAY, Ontario.

Join Aboriginal Language Teachers / Instructors from across Ontario.

Participate in:

- Creating and publishing resource material on your own school websites for future online teacher support
- Using the internet and computer mediated tools for the instruction of Aboriginal languages
- Producing multi-media materials for language instructors
- Viewing and interacting via video conference to guest speakers from as far away as New Zealand
- Demonstration projects, who will be shown during their work
- Establishing a working committee for online language teachers

Sponsored registrations are limited to Fifty (50) participants. Aboriginal Language Teachers / Instructors who have present knowledge about internet communication technology, and/or who are interested in learning about the use of this technology for the purposes of teaching are encouraged to sign up.

http://language.firstnationschools.ca

NOTE: See the Final Report for this initiative at:

Appendix 11. RMO connected video conferencing sites
The map of Canada shows the urban sites with video conferencing connections and facilities that now have Quality of Service (QoS) for their video and audio traffic over the Kuh-ke-nah Network. The next image shows the First Nation communities connected into this broadband network and how the traffic flows to each community to ensure video, audio and data traffic is managed.
Appendix 12.  List of First Nation Schools with Video Conferencing Equipment
Schools with Video Units

1. Delores Echum Composite, Moose Factory
2. Kanatakon, Akwesasne
3. Nimiki Migizi High, Ginoogaming
4. Keewaywin First Nation School
5. Batchewana Learning Centre, Sault Ste Marie
6. Mikinaak Onigaming, Nestor Falls
7. Rainy River Library Centre
8. JC Hill, Ohsweken
9. Migizi Wazisin Elementary, Longlac 58
10. Victoria Linklater Memorial, North Spirit Lake
11. Wasaho School, Fort Severn
12. Titotay Memorial, Cat Lake
13. KiHS, Fort William
14. AKRC, Sioux Narrows
15. Walpole Elementary, Wallaceburg
16. Quinte Mohawk, Tyendinaga
17. Johnny Therriault Memorial, Aroland
18. Michikan Lake School -Bearskin Lake
19. University of Guelph
20. Native Sena School-North Caribou Lk
21. Gabbius Goodman Learning Ctr -Sandy Lake

Video units Pending, Equipment Purchased and Delivered

KiHS Cat Lake                      Wahsa Bearskin Lake
KiHS Deer Lake                     Wahsa Cat Lake
KiHS Fort Hope                     Wahsa Deer Lake
KiHS Fort Severn                   Wahsa Fort Severn
KiHS Keewaywin                     Wahsa Kasabonika
KiHS North Caribou Lake            Wahsa Keewaywin
KiHS North Spirit Lake             Wahsa Kingfisher Lake
KiHS Sachigo Lake                  Wahsa Sachigo Lake
KiHS Webequie                      Wahsa Sandy Lake
KiHS Poplar Hill                   Wahsa Wapekeka
                                  Wahsa Webbequie
                                  Wahsa Weagamow
                                  Wahsa Wunnumin Lake

Not Connected Due to Connectivity Issues

Constance Lake Day School -Calstock
Kenjgewin Teg Educational Institute, M’Chigeen
Appendix 13. Grade 8 On-line Supplementary Courses
NOTE: See the Final Report for this initiative at:

Survey results for each course may be accessed at:
http://g8.firstnationschools.ca/feedback.html
Appendix 14. KO Telehealth and Keewaytinook Internet High School Portals
Imagine visiting a doctor by going to the nursing station in your community and seeing them on a special television screen. There are communities in the Sioux Lookout Zone in Northwestern Ontario where people are consulting with heart specialists, bone specialists, and psychiatrists from the telehealth room in their nursing stations. These are just some examples of the medical specialists that are being accessed by people living in remote communities with telehealth facilities.

http://telehealth.knet.ca
KIHS FINISHES ANOTHER SUCCESSFUL SCHOOL YEAR!

KIHS AWARDS 2003/2004

The students at KIHS are happy to be finished exams and all the hard work that they have put in to make the 2003/2004 school year such a success. This year has continued to see the growing success of the KIHS program in each of the partner communities. The students are awarded for their great efforts and you can see the results of the Online Awards Page at http://kihs.knet.ca/awards2004.html.

NEXT YEAR AT KIHS

We are gearing up for another great start to another school year for 2004/2005. We have a great team of dedicated staff to make sure that your success in secondary courses is as available as anywhere. Also, you get to increase your technical skill base in the process unlike available with any other grade 9 and 10 program.

Next year we are excited to be offering courses in Business Technology and Communications Technology twice during the year because of demand. We will also be offering a Physical Education course to enable students to gather more of their compulsory courses while at KIHS. We know the year will be a great experience for all students who will be a part of this great program.