

2010 Project Abstract

For the Period Ending June 30, 2012

PROJECT TITLE: Minnesota WolfLink

PROJECT MANAGER: Keith Youngquist

AFFILIATION: International Wolf Center

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FUNDING SOURCE: Environment and Natural Resources Trust Fund

LEGAL CITATION: M.L. 2010, chp. 362, Sec. 2, Subd. 8j

APPROPRIATION AMOUNT: \$193,000

Appropriation Language

\$193,000 is from the trust fund to the commissioner of Natural Resources for an agreement with the International Wolf Center to develop interactive onsite and distance learning about wolves and their habitat. This appropriation is available until June 30, 2013, by which time the project must be completed and final products delivered.

Project Abstract

The project funded:

- 115 live interactive video broadcasts from the International Wolf Center in Ely, Minnesota to inner-city, suburban and rural schools throughout Minnesota.
- Two new loan boxes. These boxes are shipped to schools in advance of the broadcast. Each box contains: Wolf pelts, claws, teeth, scat, bones of the wolf prey, wolf related books, ink stamps, projects that they can work on and keep and lesson materials in English, Spanish, Hmong, Somali and Braille.
- New video broadcasting equipment. It will provide quality broadcasts for many years.
- A portion of an educator wages and benefits. The educator has a master's degree and many years of wolf exposure and training.
- The creation, printing and mailing of promotional materials and some promotional travel expenses.

The original goal was to offer 100 WolfLink programs reaching 2,500 students and teachers along with the wolf loan boxes to educate, engage, and promote future stewardship of the state's environmental resources. To provide translation for three languages and braille to the classroom educational materials. Also, to provide improved broadcasting technology by acquiring new technology.

Outcomes

International Wolf Center was able to reach 115 schools and 3,804 students, exceeding the original goal by 15 schools and 1,304 students. The 2 additional loan boxes were added and much needed due to the frequency of programs. One Minnesota school was able to be included in a broadcast with schools from Canada and Mexico, making their wolf education also a multi-cultural event with the ability to interact with these foreign students. The lesson materials are translated and opened the education to children where English is their second language.

There were several schools that were not aware they possessed the necessary technology to receive the live interactive broadcasts. After the wolf broadcasts those schools were open to Internet broadcast learning opportunities.

Minnesota tourism increased somewhat as many children brought home their souvenirs and other lesson materials from the wolf loan boxes and requested their family make a trip to Ely, where many families

visited the International Wolf Center and viewed in person the same live wolves seen in their WolfLink program.

The advanced technology made available by this grant will continue to serve well for many years.

The question may be asked why this education is important and even relevant today. It is best answered by the enthusiasm displayed by the children's faces when the wolves howled or showed other wolf behavior. They learned all about wolves based on scientific based research. They were able to figuratively leave their school, via the internet broadcast, to experience the great outdoors of Minnesota, all the while learning about taking care of Minnesota's natural resources. By involving children in this educational process it is preparing our next generation to be stewards of Minnesota resources. The facts are taught in the hopes that a better informed public can be involved in making better informed public policy relative to wolves and other Minnesota natural resources.

Project Results Use and Dissemination

The WolfLink programs reaching out to 115 schools has been spread by word of mouth. The original plan of having 100 interactive broadcasts was an aggressive goal at the time of grant application. Having exceeded it has shown how successful the new technology presents the materials. When a teacher in a school completed a program, they naturally shared their enthusiasm with their fellow teachers. This led to other teachers within the same school to request programs for their classroom.

Part of the marketing plan included printing of postcards which were done for less money than originally planned. The Internet and emails, which were not funded by this grant, were also used effectively to market the WolfLink programs to Minnesota schools. In all the communications credit was given to the Minnesota Environment and Natural Resources Trust Fund for making these free programs possible.

The lessons plans were updated before and during the WolfLink presentations. The updating is a continue process. The split screen capability allows the teacher and the wolves to be presented on the same screen to hold the attention of the class to what is being taught. We believe that part of this program that teachers will repeat this process each year, as the cost after the completion of this grant is not cost prohibitive.

Environment and Natural Resources Trust Fund (ENRTF) 2010 Work Program Final Report

Date of Report: June 30, 2013 (Final)
December 28, 2012
June 30, 2012
December 31, 2011
June 30, 2011
December 31, 2010
January 27, 2010

“FINAL REPORT”

Date of Work Program Amendment Request: December 28, 2012
November 28, 2011
September 13, 2010

Date of Work Program Amendment Approval: November 28, 2011
September 27, 2010

Date of Work Program Approval:
Project Completion Date: June 30, 2013

I. PROJECT TITLE: Minnesota WolfLink

Project Manager: Keith Youngquist
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Total ENRTF Project Budget:	ENRTF Appropriation	\$193,000.00
	Minus Amount Spent:	\$189,920.27
	Equal Balance:	\$ 3,079.73

Legal Citation: M.L. 2010, Chp. 362, Sec. 2, Subd. 8j

Appropriation Language:

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II. FINAL PROJECT SUMMARY AND RESULTS:

The International Wolf Center's Minnesota WolfLink is a live, interactive onsite and distance learning experience for K-12 learners, their teachers, and other groups. Programs are led by International Wolf Center educators, who also develop standards-based lesson plans. WolfLink also provides kits, called Wolf Loan Boxes, which include objects, specimens, and printed materials to support the live outdoor and classroom learning experience. Minnesota WolfLink utilizes unique Minnesota wolf country habitat and videoconferencing technologies, including chroma key to provide real time links to wild wolves and their habitats.

International Wolf Center educators in Ely, Minnesota will be connected ("linked") to classrooms and other locations throughout the state through compatible videoconferencing delivery systems. Minnesota WolfLink will offer learning experiences that include:

1. Viewing of live wolves, their habitats, and behaviors.
2. Standards-based interactive lesson plans.
3. Activities before and after the video conference, including the use of Wolf Loan Boxes containing wolf-related objects, specimens, and curriculum materials.
4. Foreign language and Braille curriculum materials
5. Unique outdoor learning adventures throughout the three years.

We will promote, present, and evaluate 100_WolfLink distance learning programs and wolf loan box materials, reaching at least 2,500 students, teachers, and individuals, and we will create foreign language and Braille versions of our curriculum materials to reach new and previously underserved audiences.

Minnesota WolfLink will provide a live, real time connection to Minnesota's wildlife and habitats (focusing on wolves), encouraging interest, engagement, and future stewardship of the state's environmental resources. Minnesota WolfLink video conferencing will actively seek to serve rural and inner city schools and will be free of charge to all schools served during the project period. Minnesota WolfLink will seek and establish new partnerships with schools and school districts, park and recreation centers, civic organizations, and businesses in order to broaden the program's reach throughout the state and to serve more students and individuals.

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- New video broadcasting equipment. It will provide quality broadcasts for many years.
- A portion of an educator wages and benefits. The educator has a master's degree and many years of wolf exposure and training.
- The creation, printing and mailing of promotional materials and some promotional travel expenses.

The original goal was to offer 100 WolfLink programs reaching 2,500 students and teachers along with the wolf loan boxes to educate, engage, and promote future stewardship of the state's environmental resources. Provide translation for three languages and braille to the classroom educational materials. Also, to provide improved broadcasting technology by acquiring new technology.

Outcomes

International Wolf Center was able to reach 115 schools and 3,804, exceeding the original goal by 15 schools and 1,304 students. The 2 additional loan boxes were added and much needed due to the frequency of programs. One Minnesota school was able to be included in a broadcast with schools from Canada and Mexico, making their wolf education also a multi-cultural event with the ability to interact with these foreign students. The lesson materials are translated and opened the education to children where English is their second language.

There were several schools that were not aware they possessed the necessary technology to receive the live interactive broadcasts. After the wolf broadcasts those schools were open to Internet broadcast learning opportunities.

Minnesota tourism increased somewhat as many children brought home their souvenirs and other lesson materials from the wolf loan boxes and requested their family make a trip to Ely, where many families visited the International Wolf Center and viewed in person the same live wolves seen in their WolfLink program.

The advanced technology made available by this grant will continue to serve well for many years.

The question may be asked why this education is important and even relevant today. It is best answered by the enthusiasm displayed by the children's faces when the wolves howled or showed other wolf behavior. They learned all about wolves based on scientific based research. They were able to figuratively leave their school, via the internet broadcast, to experience the great outdoors of Minnesota, all the while learning about taking care of Minnesota's natural resources. By involving children in this educational process it is preparing our next generation to be stewards of Minnesota resources. The facts are taught in the hopes that a better informed public can be involved in making better informed public policy relative to wolves and other Minnesota natural resources.

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The WolfLink programs reaching out to 115 schools has been spread by word of mouth. The original plan of having 100 interactive broadcasts was an aggressive goal at the time of grant application. Having exceeded it has shown how successful the new technology presents the materials. When a teacher in a school completed a program, they naturally shared their enthusiasm with their fellow teachers. This led to other teachers within the same school to request programs for their classroom.

Part of the marketing plan included printing of postcards which were done for less money than originally planned. The Internet and emails, which were not funded by this grant, were also used effectively to market the WolfLink programs to Minnesota schools. In all the communications credit was given to the Minnesota Environment and Natural Resources Trust Fund for making these free programs possible.

The lessons plans were updated before and during the WolfLink presentations. The updating is a continue process. The split screen capability allows the teacher and the wolves to be presented on the same screen to hold the attention of the class to what is being taught. We believe that part of this program that teachers will repeat this process each year, as the cost after the completion of this grant is not cost prohibitive.

III. PROGRESS SUMMARY AS OF 12.31.2010

Minnesota WolfLink has enjoyed a successful launch. We began offering videoconferencing programs at the start of the school year and early participation has exceeded our expectations. We have connected with numerous schools who until this grant had not participated in either on-site or videoconferencing programs with the Center.

The new videoconferencing equipment was installed in the first week of December and has improved our ability to engage students and highlight wolf behavior significantly. Among the highlights of the equipment is the ability to freeze live video in both of our wolf enclosures and highlight specific physical and behavioral adaptations. The feedback we have received has been tremendous.

We have actively partnered with the Minnesota Rural Education Association and Minneapolis Public Schools to target urban and rural learners. We will continue to pursue opportunities to expand our audience as the grant progresses.

Progress Summary as of 6.30.2011

Minnesota WolfLink has transitioned fully into the implementation phase. We have completed 32 MN WolfLink programs to date, reaching approximately 600 students. With the large purchase of equipment completed successfully, we are working hard to get the word out to schools and other groups in Minnesota about the program. We met our expectations for the number of videoconference programs for the 2010-2011 school year. We hope to reach even more schools and students in the 2011-2012 school year.

One unexpected challenge has been the difficulty in finding quality translation services for the materials for our Wolf Loan Boxes. It has taken a significantly longer time than we expected to complete this aspect of the project.

After we were approved for the ENRTF support, we were faced with a difficult financial situation in the organization. It was decided that due to other cuts it would be best not to hire a new staff person to for the educator position described in our initial proposal. This was communicated to the LCCMR staff and approved. One of our current education staff has been the lead person on this project with significant contributions of time and energy by the Director of Education. There was a misunderstanding about how to document and submit salary for reimbursement. We will be addressing that and providing an accurate request for reimbursement once we have the opportunity to work through our plan with the DNR and get their approval. We will be submitting an additional work plan report, once we have a fully approved solution.

Amendment Requested: 11.28.2011

In pursuing completion of the translations for the wolf loan boxes, (Result 2) we found that the estimates associated with the initial work plan were inaccurate. The new estimates would not increase spending, but we would like the work plan to reflect that actual cost for translating materials for Spanish, Hmong and Somali students. This should be changed to \$7,100. Braille translation ultimately was much less expensive than first projected and we would like to make that adjustment as well. That dollar amount should be \$1,000. This will have no impact on overall budget dollars.

Amendment Approved: 11.28.2011**Progress Summary as of 12.31.2011**

The Minnesota WolfLink program continues to be successful and has allowed us to reach students throughout the state of Minnesota. Between June 30, 2011 and December 27, 2011 we conducted 9 more videoconferencing programs for Minnesota students, reaching approximately 270 students. This brings our total to 41 programs and approximately 870 students.

The project has allowed us to connect two classes from Babbitt-Embarrass School with schools from Canada and Mexico in a joint learning project being called Wolves Without Borders. This cross-cultural learning opportunity uses our videoconferencing technology and wolf curriculum to engage students from Minnesota with peers from other countries.

To follow-up from previous updates, the translation projects for our Wolf Loan Boxes are all complete. It was very challenging to find qualified translators for our materials. These learning materials will be a tremendous addition to our boxes that go to all classes that participate in our videoconferencing programs. This will definitely help us reach our goal of expanding audiences.

We have also worked through all of the challenges concerning appropriate documentation for the project-funded staff person. We have received approval from the DNR concerning the documentation and submission of reimbursement for that staff person's salary and benefits. We do not expect a need to change our work plan based upon the solution as approved.

Progress Summary as of 6.30.2012

The Minnesota WolfLink program continues to move on schedule. We have implemented all initially planned projects outside the delivery of the videoconferencing programs. Between January 1, 2012 and June 15, 2012 we have delivered 18 programs serving 980 students. This brings the project total to 59 programs and 1850 students. We believe this puts us on a pace to deliver the 100 programs stated in the project before its conclusion on June 30, 2013.

We have also continued to connect students from the Northeast Range School District with classrooms in Canada in Mexico in a project called Wolves without Borders. The anecdotal feedback from this program as well as the tangible projects created by these students has been very positive.

Because of the success of this program and the positive feedback we have gotten from teachers and participants, we have begun to seek additional funding through a variety of sources to continue this project past June 30, 2013.

Amendment Requested 12.28.2012

We are requesting multiple amendments to our detailed accounting on Attachment A to fully meet the purpose and possibilities of the grant. First, we have combined the educator salary and benefits in order to address the challenge of projecting the split between benefits and salary at the beginning of the project. The dollar amount in the personnel category has not changed.

We have moved dollars out of other contracts into additional equipment to support the purchase of two new point-tilt-zoom cameras for our MN WolfLink Videoconferencing programs. There have also been dollars adjusted inside the "additional equipment" lines to meet that need. These cameras are needed to replace the current cameras that are now malfunctioning and unreliable. The increase in capability of the equipment purchased through this grant is such that it actually highlights the age and unreliability of the cameras. The purchase will allow us to bring the cameras up to date with the rest of the equipment in our studio. They have been priced with our current service provider to meet our needs.

We have adjusted the mailing list acquisition line under other and reassigned dollars from that line to allow us to print one more batch of postcards and to do another mailing to possible groups in January or early February.

We have also moved dollars from subsidized wolf box shipping to support an additional five programs for Minnesota students, teachers and other individuals. Though it will be a stretch to meet that full number, we believe we have made important connections in recent months that are allowing us to reach into new areas for participants. We have not submitted a project change from 100 to 105 programs but want to be certain funding is available should we exceed our targeted number of programs.

Amendment Approved 1.8.2013

Project Summary as of 12.28.12

Minnesota WolfLink has had another successful fall. At a time when wolves are in the news constantly, students, teachers and general citizens are hungry for accurate wolf information. Programs have been lively with great questions, giving us a chance to present accurate information about all wolf topics. Since July 1, 2012, we have conducted an additional 14 programs serving 350 students. This brings the project total to 73 programs and 2200 students. We feel confident that we will reach the project goals of 100 programs reaching 2500 students. In fact, we think we can surpass the 100 programs through an even more focused effort to connect with urban and rural students this spring.

Amendment Request: May 17, 2013

The IWC requests a change in Project Manager. Jerri Johnston left the employ of the International Wolf Center in January 2013 and since then Keith Youngquist (KY), the Director of Finance/Administration has assumed the IWC internal LCCMR

responsibilities. The new contact information has been added to page one of this document, with the information requiring to be replaced lined out.

The IWC requests another change to the budgeted funds to provide additional funding to the delivery of Distance Learning Programs to Minnesota Schools. This area is the primary focus of this grant. The programs, called Distance Learning, are presented to Minnesota schools with interactive presentations using the Internet, complete with an ability to provide videos, live shots and time for questions and answers with a trained wolf educator. Originally there were 100 WolfLink programs funded by this LCCMR grant and at the end of 2012 an additional five programs were funded. At this time we would like to request the additional funding of 15 more Distance Learning Programs.

Jerritt Johnston left IWC unexpectedly in January 2013. In February I was contacted by our primary wolf educator associated with this project and she requested that I request an amendment realigning funds to allow 15 more Distance Learning Programs (\$2,250). I told her the activity surrounding year end, and my unfamiliarity to this process, that she should go ahead and present the programs and I would request an amendment prior to the end of the program. We have either requested reimbursement at six month intervals or annually, so my personal reference to the LCCMR grant has been oriented to six month intervals.

By word of mouth and positive referrals by those who have previously participated in the program resulted in more requests for the free programs by schools than was anticipated. Therefore, this request is for additional funding of 15 more Distance Learning programs by shifting \$2,250 ($\$150 \times 15 = \$2,250$) funded from excess funds in the projects identified below:

<u>Fund Names</u>	<u>Amount</u>
From:	
Braille specialist, etc. (Note 1 below) In doing the final plan there was an inaccuracy in the math. Therefore we used the correct numbers from approved by LCCMR, based on Attachment A, in the email dated 5/21/13 from Michael McDonough to Keith Younquist (our former Director of Finance). The funds should be coming from the Mailing List in the amount of \$750 NOT from the Braille Specialist for \$250. Amount changed from \$250 to \$750 (by Sharon Reed)	\$750.00
Marketing Specialist, Comm. plan, print & on-line materials (Note 2 below)	<u>1,500.00</u>
Total Transferred to Distance Learning Programs	<u>\$2,250.00</u>

Note1: The excess funds from Braille specialist and creation of Braille curriculum materials for WolfLink Loan Boxes was completed with fewer funds than was budgeted. Therefore the request is to reallocate a portion of these unused funds to Distance Learning Programs. (Request to use \$250.00). **In doing the final plan and looking at the amended approval email, based on Attachment A, from LCCMR (Michael McDonough) dated 5/21/13, the funds should be coming from the Mailing List in the amount of \$750 NOT from the Braille Specialist in the amount of \$250. (Sharon Reed)**

Note 2: The Marketing Specialist for Communications Plan, Print and On-Line Materials was never used because in March 2011, after this grant was provided to IWC, IWC hired a very qualified Director of Communications and we were able to utilize his talents to promote primarily via the IWC website, teacher conferences and by videos—all utilizing internal expertise. (Request to use \$1,500.00)

Amendment Approved 5.21.2013

Project Summary Final: June 30, 2013

International Wolf Center was able to reach 115 schools and 3,804, exceeding the original goal by 15 schools and 1,304 students. The 2 additional loan boxes added and much needed due to the frequency of programs. One Minnesota school was able to be included in a broadcast with schools from Canada and Mexico, making their wolf education also a multi-cultural international event with the ability to interact with foreign students and educator. The lesson materials were translated and has opened the education for children where English is their second language.

There were several schools that were not aware they possessed the necessary technology to receive the live interactive broadcasts. After the wolf broadcasts those schools could search for other free or low cost broadcast learning opportunities.

Minnesota tourism increased somewhat as many children brought home their souvenirs and other lesson materials from the wolf loan boxes and requested their family make a trip to Ely, where many families visited the International Wolf Center.

The advanced technology made available by this grant will continue to serve well for many years in the future.

The question may be asked why this education is important and even relevant today. It is best answered by the enthusiasm displayed by the children's faces when the wolves howled or showed other wolf behavior. They learned all about wolves based on scientific based research. They were able to figuratively leave the their school, via the internet broadcast, to experience the great outdoors of Minnesota, all the while learning about taking care of one of Minnesota's natural resources. By involving children in this educational process it is preparing our next generation to be stewards of Minnesota resources. The facts are taught in the hopes that a better informed public can be involved in making better informed public policy relative to wolves and other Minnesota natural resources.

IV. OUTLINE OF PROJECT RESULTS:

RESULT/ACTIVITY 1: Present 100 WolfLink distance learning programs and wolf loan box materials. **(per approved amendment, based on Attachment A, via an email on 5/21/13 from Michael McDonough to Keith Youngquist, our former Director of Finance), this final amount was 115 WolfLink distance learning programs) Sharon Reed**

Description:

Minnesota WolfLink will connect our educators, through state of the art technology, to teachers, their classrooms, libraries, senior citizen centers, and nature centers. Programs will be offered in real time, via outdoor learning experiences and video conferencing, enabling direct person-to-person interaction between Ely, Minnesota and remote locations throughout the state. All learners will view the Center's ambassador wolves and talk directly with educators, who will interpret wolf behavior, pack dynamics, wolf ecosystems, wildlife management, species interdependence, and the wild lands of Minnesota's boreal forest biome. Science, social studies, language arts, mathematics, art, and geography will be incorporated into the WolfLink field trips. WolfLink Loan Boxes will assist teachers to develop their curriculum (related to their virtual field trip). WolfLink Loan Boxes will contain objects and specimens including samples of wolf hide, scat, and paw prints as well as curriculum materials. Braille and foreign language versions of printed curriculum materials will be prepared.

Offering WolfLink distance learning programs without charge enables the broadest access to the programs, the least stress on already-challenged budgets, and an opportunity for the International Wolf Center to develop significant new audiences. During the project period, new sources of funding for distance learning will be researched and identified, and it is intended that Minnesota WolfLink outdoor and distance learning programs will continue, with new revenue streams to fund them, beyond the LCCMR project period.

A pledge from a private donor has been secured to provide support for project evaluation and support for travel and transportation that may be involved to establish new partnerships with distance learning presenters in rural areas. Private funds for this purpose will not exceed \$5,000.

Deliverables/outcomes to be completed:

1. Promote, present, and evaluate 100 WolfLink distance learning programs and wolf loan box materials from July 1, 2010 – June 30, 2013, reaching at least 3,000 students, teachers, and individuals. **(per approved amendment, based on Attachment A, via an email on 5/21/13 from Michael McDonough to Keith Youngquist, our former Director of Finance), the final amount was 115 WolfLink distance learning programs) Sharon Reed**
2. Prepare and disseminate print and on line materials to reach teachers and groups with Minnesota WolfLink information, web links, and enrollment details.
3. Purchase and install video conferencing equipment that is compatible with that in use in schools across the state.

Summary Budget Information for Result/Activity 1:

ENRTF Budget:	\$184,650.00
Amount Spent:	\$182,371.03
Balance:	\$ 2,278.97

8/22/13 – Addition errors for the numbers above. Corrected to match Attachment A. Sharon Reed

Deliverable/Outcome	Completion Date	Budget
Delivery and presentation of 115 free-of-charge WolfLink distance learning programs, building/shipping of WolfLink Loan Boxes and outdoor onsite programs	6/30/13	\$145,750
Development of a marketing plan, preparation and dissemination of print and on line materials, and distribution of print and on line materials to teachers and other end users. Includes travel within Minnesota.	12/31/12	\$ 5,975
Purchase and installation of video conferencing equipment that is compatible with equipment available in Minnesota schools, including rural and underserved urban districts. See note below.	12/31/10	\$ 32,925

The International Wolf Center received cost estimates from two vendors and will seek one more before accepting a bid. Costs of product including installation, maintenance and training will be evaluated. Final costs will be within the defined budget.

Result One Completion Date: *June 30, 2013*

Result Status as of: *December 31, 2010*

Deliverable 1: To date we have completed 25 videoconferencing programs in 15 different districts throughout the state, serving approximately 450 students. We have successfully partnered with the Minnesota Rural Education Association and Minneapolis Public Schools to reach our targeted audiences of urban and rural students. Districts participating in programs so far include: Minneapolis, Moorhead, Sartell, Each of the classes that have done a program has also received a Wolf Loan Box. Feedback from teachers is that the hands-on materials and supplemental curriculum have greatly enhanced the experience. We have been unsuccessful in our attempts to make a strong connection with St. Paul Public Schools.

Deliverable 2: We worked with a designer to create a visually appealing and informational post card as well as a pdf of that card. Because we were able to connect with two organizations who agreed to distribute information electronically, we have achieved significant savings in this area to date. We will continue to look for creative ways to reach new audiences.

Deliverable 3: The purchase and installation of the equipment outlined in this grant was completed the first week of December. This equipment represents a significant step forward in technology and will allow us to continue to develop standards-based curriculum that engages participants in traditionally underserved populations.

Result Status as of *June 30, 2011*

Deliverable 1: To date we have completed 32 videoconferencing programs, thirteen of those having occurred in 2011. We have reached approximately 600 students and teachers. Program feedback continues to be very positive and we continually work to improve curriculum. Our December 31, 2011 status update had an inaccurate report of the number of programs we conducted in 2010. This mistake was due to the use of a new registration system and the inaccuracies were reported to LCCMR staff. The actual number of programs completed was 19. The dollar amount submitted for reimbursement was for the correct number of programs.

Deliverable 2: No additional work was done on this deliverable. We will be assessing our materials and possibly doing additional work in this area leading up to the 2011-2012 school year. We continue to look for creative ways to connect with the target audience.

Deliverable 3: The equipment is working very well and has improved our ability to communicate content and connect with students.

Result Status as of *December 31, 2011*

Deliverable 1: To date we have completed 41 programs reaching approximately 870 students from around Minnesota. We continue to work to connect with urban and rural students in particular. Feedback on the programs continues to be very good. We continue to adjust programs based on the feedback and our staff person is working hard

at continuing to refine curriculum to meet the needs of students of different ages and learning styles.

Deliverable 2: We edited the current Minnesota WolfLink postcard and did a large printing. We continue to use this item to promote the learning opportunities offered by this project.

Deliverable 3: The equipment continues to be a highlight of our project. Using funding from outside of this project we improved our internet connection and that has had a major positive impact on the connection quality with classrooms.

Result Status as of *June 30, 2012*

Deliverable 1: To date we have completed 59 programs reaching approximately 1850 students. Two of the programs were to very large audiences, which accounts for the large number of students served in this number of programs. We continue to market this program through multiple channels and continue to look for new partners with which to work. We have connected with multiple new schools, particularly in rural communities, including Dawson and Renville to name just two.

Deliverable 2: We have been distributing Minnesota WolfLink postcards at nearly all events we attend and make them available at the Center in Ely. Our plan is to do a significant mailing using the approved funding in early fall to extend our reach even farther.

Deliverable 3:

The equipment purchased during this project continues to be one of our greatest assets. The organization also committed to upgrading the speed of our internet connection which has allowed the equipment to function at an even better level.

Result Status as of *December 31, 2012*

Deliverable 1: Since July 1, 2012, we have conducted an additional 14 programs serving 350 students. This brings the project total to 73 programs and 2200 students. We feel confident that with new connections we can reach or exceed our goal of 100 programs by June 30, 2013.

Deliverable 2: Working with a direct mail company, we sent a postcard to principals and science teachers throughout the state to promote Minnesota WolfLink Programs. We hope to do so again in early 2013.

Deliverable 3: The equipment purchased through this project continues to function very well and provide a great experience to our participants. Our two aging point-tilt-zoom cameras (not replaced as a part of this project) have become unreliable and are malfunctioning. We have submitted a work program amendment in hopes of replacing those to meet the standards of the rest of our equipment.

FINAL REPORT, June 30, 2013

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There were several schools that were not aware they possessed the necessary technology to receive the live interactive broadcasts. After the wolf broadcasts those schools could search for other free or low cost broadcast learning opportunities.

RESULT/ACTIVITY 2: Make Minnesota WolfLink accessible to new and broader audiences.

Description:

Minnesota WolfLink will create and provide services and materials for specific audiences. Included will be foreign language translation of WolfLink curriculum materials and preparation of WolfLink materials in Braille.

Summary Budget Information for Result/Activity 2:

ENRTF Budget:	\$8,350
Amount Spent:	\$7549.24
Balance:	\$800.76

Deliverable/Outcome	Completion Date	Budget
Create and distribute WolfLink curriculum materials, included in WolfLink Loan Boxes, in foreign languages upon teacher request. Spanish, Hmong, and Somali versions will be prepared and available.	6/30/11	\$7,100
Create Braille versions of curriculum materials for WolfLink Loan Boxes.	6/30/11	\$1,000
Print foreign language curriculum materials for WolfLink Loan Boxes.	6/30/11	\$ 250

Result Two Completion Date: June 30, 2013.

Result Status as of: *December 31, 2010.*

We have begun to look at exactly what items we hope to translate. We have also made contact with possible translators for Spanish and Somali languages. We will actively work on this result in the upcoming months.

Result Status as of: *June 30, 2011.*

It has been much harder to connect with and contract with translators than we initially imagined. We have selected all of the materials we want translated, and have delivered them to translators. We have received the price quotes and are moving forward with translations.

Result Status as of: *December 31, 2011.*

All of the translation projects have been completed. We have received the materials and will be connecting with native speakers of Hmong, Somali and Spanish as well as

teachers with students who speak those languages for feedback on the materials. We want to ensure their usability for students. The Braille project was also finished and we are working to find reviewers for these items as well.

This will be a significant step towards expanding our audiences and give us even more opportunity to connect with diverse learners.

Result Status as of: *June 30, 2012.*

The translated materials are a great addition to the Wolf Loan Boxes and the Minnesota WolfLink Project. We are working hard to make connections with teachers who will be interested in the use of these supplemental materials, but that has been a challenge.

Result Status as of: *December 31, 2012.*

We continue to have difficulty finding teachers who work with students who need the translated materials who want to make use of them. We have had our materials reviewed by people proficient in each language and the translation results are very good. We are hopeful that we can make good connections early in 2013 to make full use of these supplemental materials.

Final Report Summary: *June 30, 2013*

All of the translation and Braille projects have been completed. The lesson materials that are provided inside the Wolf Loan Boxes are now fully equipped with versions in English, Hmong, Somali, Spanish to assist those students where English is their second language. A Braille version of the lesson materials has also been created and included in the Wolf Loan Boxes. Copies of these translations are enclosed part of this report.

V. TOTAL ENRTF PROJECT BUDGET (SEE DETAILS ON ATTACHMENT A):

Personnel: \$ 125,700

Contracts: \$ 12,848

Equipment/Tools/Supplies: \$ 28,927 (Distance Learning Delivery Systems)

Acquisition (Fee Title or Permanent Easements): \$00

Travel: \$ 750

Additional Budget Items: \$24,775 (see breakdown below)

- a. \$18,000: This amount underwrites the delivery of 115 distance learning programs free of charge throughout Minnesota.
- b. \$4,300: Construction of WolfLink Loan Boxes to accompany and support distance learning curricula.
- c. \$400: Mailing and distribution list acquisition for three Postcard Promotions.
- d. \$1,825: Three Postcard Promotions to inform teachers about how to learn more about, and enroll in, the Minnesota WolfLink program, encouraging them to visit the WolfLink section of the International Wolf Center's web site to enroll.
- e. \$250: Printing of curriculum materials in foreign languages.

Explanation of Capital Expenditures Greater Than \$3,500:

Because of changes in available technology and a better understanding of desired educational outcomes the type of project equipment needed was reassessed. A new competitive bid process was issued. There are two items that exceed \$3500. The Tandberg QuickSet C20 with camera, microphone and remote control costs \$11,845 including the required 3 year service plan. The Annotation Graphics processor with SDI/HD-SDI input and DVI-D Output costs \$6,366.50. All other items cost less than \$3500. All equipment purchased will continue to be utilized throughout their useful life for Minnesota WolfLink distance learning initiatives.

Amendment Request: September 13, 2010

Amendment Approved: September 27, 2010

Distance learning programs will continue (under the Minnesota WolfLink brand) beyond the LCCMR project completion date, supported by private and federal grants and other funds for this purpose.

VI. PROJECT STRATEGY:

A. Project Partners: While the International Wolf Center does not yet have signed contractual agreements with prospective providers of WolfLink distance learning programs, it has begun to meet and talk with prospective partners and participants throughout Minnesota. Thus far, the following schools, school districts, park systems, and organizations have expressed interest in participating: Three Rivers Park District, the Bell Museum of Natural History, Tierney Brothers, Pillager School District (Cass County) and the Duluth Public Schools.

B. Project Impact and Long-term Strategy: Outdoor and distance learning programs during WolfLink are anticipated to reach 3,000 Minnesota students, teachers, and other individuals. Materials for challenged and foreign language users will reach approximately 300 individuals. The specific impacts, including numbers served and reached, will be measured through WolfLink project evaluation made possible by a private gift from a major individual donor. The long term strategy includes evaluation of effectiveness/reach of each WolfLink deliverable, and the publication of results and findings that will assist the Center in establishing long range planning priorities for distance learning, exhibit planning, and service to challenged and/or underserved constituencies.

While Minnesota WolfLink will be established with LCCMR funding support, it is planned that outdoor programming and distance learning will continue as an important International Wolf Center priority. As WolfLink builds awareness and participation, private and federal funding sources will be identified and sought, in order to maintain a commitment to distance learning beyond June 30, 2013.

C. Other Funds Proposed to be Spent during the Project Period: A pledge from a private donor has been secured to provide support for project evaluation and support for travel and transportation that may be involved in establishing new partnerships with distance learning presenters in rural areas. Private funds for this purpose will not exceed \$5,000.

D. Spending History: (N/A)

VII. DISSEMINATION: The project evaluation will be available through a Web link on the organization's Web site, www.wolf.org; a limited number of printed copies will be produced for participating partners in the WolfLink project and other interested parties. Cost of dissemination of materials will be provided through the private grant mentioned in Section C, above.

VIII. REPORTING REQUIREMENTS: Periodic work program progress reports will be submitted not later than June 30 in 2011, 2012, and 2013 and not later than December 31 in 2010, 2011, and 2012. A final work program report and associated products will be submitted between June 30 and August 1, 2013 as requested by the LCCMR.

IX. RESEARCH PROJECTS: (N/A)

Attachment A: Budget Detail for 2010 Projects									
Keith left the International Wolf Center on 8/15/2103. Completion of the spreadsheet was made by Sharon Reed (Accounting)									
Project Title: Minnesota WolfLink,									
Project Manager Name: Keith Youngquist, Director of Finance									
Trust Fund Appropriation: \$193,000									
2010 Trust Fund Budget									
	Result 1 Revised Budget 5/21/13	Result 1 Total Spent 6/30/13	Result 1 Balance Remaining 6/30/13	Result 2 Revised Budget 11/28/11	Result 2 Total Spent 12/15/11	Balance Remaining Result 12/15/11	Results 1 & 2 Total Budget 6/30/13	Results 1 & 2 Total Amount Spent 6/30/13	TOTAL Remaining BALANCE 6/30/13
BUDGET ITEM									
PERSONNEL: wages and benefits									
100% FTE new outdoor educator for WolfLink (\$100,000) new outdoor educator benefits (\$25,000)	\$125,700.00	\$125,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,700.00	\$125,700.00	\$0.00
CONTRACTS:									
Professional/technical									
Somali, Hmong, and Spanish Translators	\$0.00	\$0.00	\$0.00	\$7,100.00	\$6,871.24	\$228.76	\$7,100.00	\$6,871.24	\$228.76
Braille specialist and creation of Braille curriculum materials for WolfLink Loan Boxes	\$0.00	\$0.00	\$0.00	\$1,000.00	\$678.00	\$322.00	\$1,000.00	\$678.00	\$322.00
Marketing Specialist for Communications Plan, Print and On Line Materials	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Design of print and on-line materials	\$750.00	\$370.00	\$380.00	\$0.00	\$0.00	\$0.00	\$750.00	\$370.00	\$380.00
Ely equipment installation, training, and maintenance	\$4,748.01	\$4,385.50	\$362.51	\$0.00	\$0.00	\$0.00	\$4,748.01	\$4,385.50	\$362.51
Capital equipment over \$3,500									
Tandberg Quickset C20	\$11,845.00	\$11,845.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,845.00	\$11,845.00	\$0.00
Annotation Graphics Processor	\$6,367.00	\$6,366.50	\$0.50	\$0.00	\$0.00	\$0.00	\$6,367.00	\$6,366.50	\$0.50
Subtotal	\$18,212.00	\$18,211.50	\$0.50	\$0.00	\$0.00	\$0.00	\$18,212.00	\$18,211.50	\$0.50
Additional Equipment									
Outdoor Camera	\$1,795.00	\$1,795.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,795.00	\$1,795.00	\$0.00
32" LCD Display 1366 x 768 3000 (w/ speakers no tuner) - 1080p capable	\$760.00	\$760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$760.00	\$760.00	\$0.00
iMMCam Desktop Document Camera	\$920.00	\$920.00	\$0.00	\$0.00	\$0.00	\$0.00	\$920.00	\$920.00	\$0.00
HP Laptop	\$499.99	\$499.99	\$0.00	\$0.00	\$0.00	\$0.00	\$499.99	\$499.99	\$0.00
Two Serial Four Flex I/O	\$870.00	\$870.00	\$0.00	\$0.00	\$0.00	\$0.00	\$870.00	\$870.00	\$0.00
19" Touch Screen Monitor	\$970.00	\$970.00	\$0.00	\$0.00	\$0.00	\$0.00	\$970.00	\$970.00	\$0.00
Pre-made Cabling	\$850.00	\$850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$850.00	\$850.00	\$0.00
Bulk Cabling, Connectors	\$1,800.00	\$1,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,800.00	\$1,800.00	\$0.00
2 Point_Tilt Zoom Cameras	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00	\$0.00
Subtotal-Additional Equipment	\$9,964.99	\$9,964.99	\$0.00	\$0.00	\$0.00	\$0.00	\$9,964.99	\$9,964.99	\$0.00
Equipment total	\$28,176.99	\$28,176.49	\$0.50	\$0.00	\$0.00	\$0.00	\$28,176.99	\$28,176.49	\$0.50
Printing									
Postcard promotion throughout project, encouraging web site visit for information on WolfLink program	\$1,825.00	\$1,225.00	\$600.00	\$0.00	\$0.00	\$0.00	\$1,825.00	\$1,225.00	\$600.00
Printing Foreign Language Translations for Curriculum	\$0.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00	\$250.00	\$0.00	\$250.00
Travel expenses in Minnesota									
Travel to/from Ely and within Minnesota to promote WolfLink	\$750.00	\$670.70	\$79.30	\$0.00	\$0.00	\$0.00	\$750.00	\$670.70	\$79.30
Other									
Mailing list acquisition and distribution of distance learning piece	\$400.00	\$325.88	\$74.12	\$0.00	\$0.00	\$0.00	\$400.00	\$325.88	\$74.12
115 Distance Learning programs @ \$150; includes distance connections	\$18,000.00	\$17,250.00	\$750.00	\$0.00	\$0.00	\$0.00	\$18,000.00	\$17,250.00	\$750.00
subsidized wolf box shipping	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
build two new boxes for above programs	\$4,300.00	\$4,267.46	\$32.54	\$0.00	\$0.00	\$0.00	\$4,300.00	\$4,267.46	\$32.54
COLUMN TOTAL	\$184,650.00	\$182,371.03	\$2,278.97	\$8,350.00	\$7,549.24	\$ 800.76	\$193,000.00	\$189,920.27	\$3,079.73

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Wednesday, January 16, 2013 3:25 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/16/2013 1:00 PM) Wolf Research



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf Research
Program Date/Time: 1/16/2013 1:00 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

For my Intensive Readers, who have been studying the gray wolf since October, I feel that they were able to see a connection between the goals and activities we are doing in class with the wolf presentation.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

This is the first time I have participated in a videoconferencing program. The use of technology with students can take them places previously not even thought of.

Would you recommend this program to others?

Yes

Why or why not?

The biggest reason would be because of all the standards that were covered in a session. It is free to Minnesota schools. The anticipation that my students had for this event was truly amazing. They will be sharing with each other for a long time to come. I also liked that students could form their own opinions.

Technology:

Video was clear: **Yes**

Audio was clear: Yes

Good connection was sustained: Yes

Comments:

This just fit so well with what I am doing in my classroom. The use of technology greatly enhances learning and provides motivation. The wolf is fascinating, it is controversial, it is in the news. Why not study the gray wolf?

Tara Johnson was an excellent presenter. I could tell that she is a teacher. Awesome Job? Wow!

School/Site Name: Menahga Elementary

School District: 821

Participating Teacher(s): Judy Maaninga

Grade Level: 3

Number of Participants in Program: 46

Phone: 218-564-4141

Fax: same as phone

E-Mail: jmaaninga@menahga.k12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Wednesday, January 30, 2013 9:26 AM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/23/2013 1:00 PM) Wolf Research



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf Research
Program Date/Time: 1/23/2013 1:00 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

It helped us understand a wolf's territory and how to track wolves. It made our study more real. We learned that wolves can grow really fast.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

The second program was just a little different than the first. Since I have students in both groups, it was interesting to compare the learning of students.

Would you recommend this program to others?

Yes

Why or why not?

It was amazing. My students were so excited and learned many things.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

KX Date/Time 09/09/2013 16:32 +218 365 3318
09-09-'13 16:19 FROM-INT'L WOLF CENTER +218-365-3318

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Comments:

When children study a topic in their world it fosters their long-term development.

School/Site Name: Menahga Elementary

School District: 821

Participating Teacher(s):

Grade Level: 3

Number of Participants in Program: 46

Phone: 218-564-4141

Fax: 218-564-4141

E-Mail: jmaanninga@menahga.k12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Thursday, March 07, 2013 8:32 AM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/24/2013 11:15 AM) Pup 101



Program Evaluation

Provider Name: International Wolf Center
Program Title: Pup 101
Program Date/Time: 1/24/2013 11:15 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **N/A**

Program was a good value for fee charged: **N/A**

If materials were supplied, they arrived in a timely manner: **N/A**

How do you feel student learning was impacted for those who participated in this program?

Students were very engaged and learned a lot of new information!

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

A lot of great information was given out!

Would you recommend this program to others?

Yes

Why or why not?

The staff are very knowledgeable and kid-friendly!!

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

KX Date/Time 09/09/2013 16:32 +218 365 3318 P.007
09-09-'13 16:19 FROM-INT'L WOLF CENTER +218-365-3318 T-416 P0007/0032 F-119

School/Site Name: Weaver Lake Elementary

School District: Osseo ISD 279

Participating Teacher(s): Katie Emerson

Grade Level: 1

Number of Participants in Program: 24

Phone: 763-420-3337

Fax:

E-Mail: emersonk@district279.org

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)
251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Friday, January 25, 2013 4:54 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/25/2013 10:15 AM) Pup 101



Program Evaluation

Provider Name: International Wolf Center

Program Title: Pup 101

Program Date/Time: 1/25/2013 10:15 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **No**

How do you feel student learning was impacted for those who participated in this program?

The students were engaged in the lesson. Tara had a nice mix of discussion, participation, videos, hands-on activities and question/answer time. I feel my students learned a lot about wolves, their habitat and wolf pups.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

I always learn some new and interesting facts about wolves.

Would you recommend this program to others?

Yes

Why or why not?

Tara is very knowledgeable and appropriately gears the lesson for younger learners.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

RX Date/Time 09/09/2013 16:46 +218 365 3318 P.002
09-09-'13 16:24 FROM-INT'L WOLF CENTER +218-365-3318 T-418 P0009/0032 F-119

School/Site Name: Weaver Lake Elementary

School District: Osseo

Participating Teacher(s): Jami Haugstad

Grade Level: 1

Number of Participants in Program:

Phone:

Fax:

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Friday, January 25, 2013 4:52 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/25/2013 11:15 AM) Pup 101



Program Evaluation

Provider Name: International Wolf Center
Program Title: Pup 101
Program Date/Time: 1/25/2013 11:15 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

They provided materials that we used to provide information that may not be found in a book. The students were engaged in hands on learning with the use the Wolf Kit that was provided. It was a great resource.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

There were specifics about the new wolves that were not there last year.

Would you recommend this program to others?

Yes

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

Comments:

The program was a great way for students to learn about something that is right here in our state, but not in our specific area. They

were engaged and very interested in learning about wolves. It directly related to habitats and life cycles which are both first grade standards.

School/Site Name: Weaver Lake Elementary

School District: Osseo Area Schools

Participating Teacher(s): Dawn Caven

Grade Level: 1

Number of Participants in Program: 25

Phone: 763-420-3337

Fax:

E-Mail: cavend@district279.org

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Sunday, February 03, 2013 12:16 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (1/30/2013 1:30 PM) Wolf 101



Program Evaluation

Provider Name: International Wolf Center

Program Title: Wolf 101

Program Date/Time: 1/30/2013 1:30 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

Students were able to get questions answered by an expert, which encouraged them to ask authentic questions.

Did you as an educator, gain new knowledge or skills from participating in this program?

Not applicable (I've participated in the program before);

Would you recommend this program to others?

Yes

Why or why not?

Being able to see the wolves and hear information that's from an expert (in real time) is invaluable.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

Comments:

Wonderful program--thank you

School/Site Name: Weaver Lake Elementary

School District: ISD 279

Participating Teacher(s): Gaab

Grade Level: 4

Numuer of Participants in Program: 30

Phone: 7634203337

Fax:

E-Mail: gaabj@district279.org

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The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Friday, March 08, 2013 9:50 AM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (3/07/2013 11:40 AM) Wolf Ecology



Program Evaluation

Provider Name: International Wolf Center

Program Title: Wolf Ecology

Program Date/Time: 3/07/2013 11:40 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **No**

How do you feel student learning was impacted for those who participated in this program?

Program content directly correlating to Mn standards. It will serve as a great springboard and foundation for my unit on ecosystems.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

Relating food chain and ecosystems directly to our home state is a piece that had been missing from my curriculum.

Would you recommend this program to others?

Yes

Why or why not?

Quality content.

Excellent presenter.

Great organization and communication.

Well worth the instructional time.

Technology:

Video was clear: **Yes**

KX Date/Time 09/09/2013 16:46 +218 365 3318
09-09-'13 16:27 FROM-INT'L WOLF CENTER +218-365-3318

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Audio was clear: Yes

Good connection was sustained: Yes

Comments:

"energy from the sun" food chain activity was not done during the video conference.

Appreciated time for student questions and continual prompts for student interaction.

School/Site Name: Goodhue Elem.

School District: Goodhue #253

Participating Teacher(s): Jodie Alpers

Grade Level: 5

Number of Participants in Program: 39

Phone: 651-923-4447

Fax:

E-Mail: jalpers@goodhue.k12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Saturday, March 16, 2013 5:57 AM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (3/15/2013 2:30 PM) Pup 101



Program Evaluation

Provider Name: International Wolf Center
Program Title: Pup 101
Program Date/Time: 3/15/2013 2:30 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

The program was wonderful. We loved the wolf materials box. My students are so inspired by our activities with the wolf center. This program was perfect. For second graders, they are very knowledgeable about wolves. This program has also sparked their interest in many animals' homes and life cycles. Tara was awesome!

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

I had not done a live program like this so it was a good learning experience for me. I would be able to do it again.

Would you recommend this program to others?

Yes

Why or why not?

As a member of the wolf center, I would promote any educational activities you do.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

Comments:

This lesson fit in nicely with our science standards on life cycles and appreciating nature. My students listened and were much more attentive to Tara and the things she could show us. My students will always remember this and have developed a true appreciation for wolves.

School/Site Name: Madelia Elementary

School District: 837

Participating Teacher(s): Bonnie Brown

Grade Level: 2

Number of Participants in Program: 21

Phone: 507-642-3234

Fax:

E-Mail: bonniebrown@isd837.org

This e-mail was automatically generated at , please do not reply directly to this e-mail.

This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)
251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Thursday, April 04, 2013 4:57 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (4/03/2013 2:00 PM) Wolf Research



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf Research
Program Date/Time: 4/03/2013 2:00 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

The kids were engaged and curious about the program. The presenter was very friendly and knowledgeable, and was willing to add time onto the presentation to answer all their questions. The pace of the program was rapid and effective at holding their interest. My students are doing research reports on wolves and the information they learned will enhance their reports.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

Would you recommend this program to others?

Yes

Why or why not?

Presenter's enthusiasm, energy and knowledge made the program a lot of fun. The kids learned a lot. They really enjoyed seeing the live wolves in their habitat at the Wolf Center.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

KX Date/Time 09/09/2013 16:46 +218 365 3318 P.012
09-09-'13 16:29 FROM-INT'L WOLF CENTER +218-365-3318 T-418 P0019/0032 F-119

School/Site Name: Lakeside Elementary
School District: Chisago Lakes #2144
Participating Teacher(s): Anthony Maahs
Grade Level: 5
Number of Participants in Program: 30
Phone: 651-213-2349
Fax:
E-Mail: amaahs@chisagolakes.k12.mn.us

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This email was sent by:
The Center for Interactive Learning and Collaboration, Inc. (CILC)
251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Sunday, April 21, 2013 8:29 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (4/17/2013 9:30 AM) Pup 101



Program Evaluation

Provider Name: International Wolf Center

Program Title: Pup 101

Program Date/Time: 4/17/2013 9:30 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

The students loved the program. I feel they were very engaged and interested. They have come away with a better understanding of wolves.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

I always learn new things with the students!

Would you recommend this program to others?

Yes

Why or why not?

It's a great program and a new experience for many students and teachers. It was fun and interesting to do the video-conferencing.....almost like being there at the center!

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

School/Site Name: Four Seasons Elementary
School District: Saint Paul school district 625
Participating Teacher(s): Deb Wilson, Lisa Frandsen
Grade Level: 2nd
Number of Participants in Program: 52
Phone: 651-290-7595
Fax:
E-Mail: deb.wilson@spps.org

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This email was sent by:
The Center for Interactive Learning and Collaboration, Inc. (CILC)
251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Monday, April 29, 2013 12:54 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (4/25/2013 9:30 AM) Wolf Tales



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf Tales
Program Date/Time: 4/25/2013 9:30 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

Would you recommend this program to others?

Yes

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

Comments:

Thank you for a wonderful experience for the students.

School/Site Name: Kimblery Lane Elementary

School District: Wayzata Public Schools

Participating Teacher(s): Andrea Barbknecht

Grade Level: 3rd

09-09-'13 16:30 FROM-INT'L WOLF CENTER

+218-365-3318

T-418 P0023/0032 F-119

Number of Participants in Program: 26**Phone: 763-745-5887****Fax:****This e-mail was automatically generated at , please do not reply directly to this e-mail.**

This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Friday, May 17, 2013 2:55 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (5/17/2013 2:00 PM) Wolf Tales



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf Tales
Program Date/Time: 5/17/2013 2:00 PM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

Our kindergarteners were thrilled to see the wolves. It made such an impact on them. They will remember the information for a long time.

Thank you!

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

It gave me more information about wolves and how they live. I will be able to answer questions in class with better information.

Would you recommend this program to others?

Yes

Why or why not?

A great use of class time.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

School/Site Name: Cedar Creek Community school

School District: St. Francis #15

Participating Teacher(s): Van Gilder and Majerles

Grade Level: k

Number of Participants in Program: 40

Phone: 763-213-8899

Fax:

E-Mail: holvan@stfrancis.k12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Wednesday, July 24, 2013 1:43 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (7/16/2013 9:00 AM) Pup 101

**Program Evaluation**

Provider Name: International Wolf Center

Program Title: Pup 101

Program Date/Time: 7/16/2013 9:00 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Agree**

was engaging: **Agree**

The program:

was engaging: **Agree**

was appropriate for the advertised age/grade range: **Agree**

aligned to the advertised educational standards: **Agree**

met the advertised educational objectives: **Agree**

had an impact on student learning: **Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

Great way to introduce our students to the beginning stages of a wolf's development.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

Great to have our students learn from the IWC staff as well as our staff.

Would you recommend this program to others?

Yes

Why or why not?

Good information for young children.

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

School/Site Name: Sebeka Summer Targeted Services Program

School District: Sebeka

Participating Teacher(s): Kari Carlson

Grade Level: 1-6

Number of Participants in Program: 36

Phone: 218-837-5101

Fax:

E-Mail: kcarlson@sebeka.k12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: CILC <mailer@cilc.org>
Sent: Wednesday, July 24, 2013 1:39 PM
To: wolflink@wolf.org
Cc: jheighway@cilc.org
Subject: [CILC] "Program Evaluation": (7/18/2013 9:00 AM) Wolf 101



Program Evaluation

Provider Name: International Wolf Center
Program Title: Wolf 101
Program Date/Time: 7/18/2013 9:00 AM

Please rate the following by choosing the box which best describes your reaction to the program.

The presenter:

was knowledgeable about the content: **Strongly Agree**

was engaging: **Strongly Agree**

The program:

was engaging: **Strongly Agree**

was appropriate for the advertised age/grade range: **Strongly Agree**

aligned to the advertised educational standards: **Strongly Agree**

met the advertised educational objectives: **Strongly Agree**

had an impact on student learning: **Strongly Agree**

Additional feedback:

Content Provider was available for communication prior to the program: **Yes**

Program was a good value for fee charged: **Yes**

If materials were supplied, they arrived in a timely manner: **Yes**

How do you feel student learning was impacted for those who participated in this program?

They were asked many questions which they had to think about as Tara lead the session. I like this for our children because it helps them stay on task and excited about their own learning.

Did you as an educator, gain new knowledge or skills from participating in this program?

Yes

I learned to use technology and it was a great way for us to connect our prior knowledge to new information. We were also able to have our questions answered.

Would you recommend this program to others?

Yes

Technology:

Video was clear: **Yes**

Audio was clear: **Yes**

Good connection was sustained: **Yes**

Comments:

Great info in the 30 minute session.

School/Site Name: Sebeka Summer Targeted Services

School District: Sebeka

Participating Teacher(s): Kari Carlson

Grade Level: 1-6

Number of Participants in Program: 38

Phone: 218-837-5101

Fax:

E-Mail: kcarlson@sebekak12.mn.us

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This email was sent by:

The Center for Interactive Learning and Collaboration, Inc. (CILC)

251 E Ohio St, Indianapolis, IN 46204

Tara Johnson

From: Bonnie Brown <bonniebrown@isd837.org>
Sent: Monday, March 25, 2013 1:24 PM
To: Tara Johnson
Subject: Thank you
Attachments: DSC06042.JPG

Tara,
Thank you again for the outstanding wolf program. We completed the pup development charts and dens last Monday. Today we watched the current wolf video and enjoyed seeing the development of Luna and Boltz this past year. Mrs. Brown and class

--
Bonnie Brown
Second Grade Teacher
Madelia Elementary School
121 E. Main
Madelia, MN 56062
507-642-3234 Ext. 307

Tara Johnson

From: Litwinczuk, Mary (WVR) <LitwinczukM@District279.org>
Sent: Thursday, January 31, 2013 10:45 AM
To: 'Tara Johnson'
Subject: RE: Follow up

Tara,

The teacher's and students loved these video conference programs. I have been seeing them for several years now, and you guys have really stepped up your game! The programs are so interactive and the students loved them!

Thank you, thank you!

Mary

Mary Litwinczuk
Library Media Specialist
ISTE NETS*T Certified Teacher
Weaver Lake Elementary
15900 Weaver Lake Road
Maple Grove, MN 55311
Direct - 763.391.8886
School - 763.420.3337

Got questions about Windows 7, Office 2010, or the Employee Purchase Program? Here are answers:

<http://d279.us/win7>

More technology answers:

<https://my279.org/hesk/knowledgebase.php>

From: Tara Johnson [<mailto:tjohnson@wolf.org>]
Sent: Thursday, January 31, 2013 10:17 AM
To: Litwinczuk, Mary (WVR); Gaab, Jennifer (WVR)
Subject: Follow up

Jen and Students,

Thank you for an outstanding videoconferencing program! It was great to meet all of you and spend time learning about wolves together. Here are some items that will help you continue learning about wolves:

[Wolf Cam](#)
[Wolf Logs](#)
[Wolf Videos](#)
[Wolf Information](#)
[Wild Kids!](#)
[Adopt-A-Wolf Kit](#)

Wolf Tracking Kit
Track Wild Wolves Data

You had excellent questions in the program! If you have any further questions about wolves that did not get answered in our program or would like to schedule another program, please feel free to contact us at the email address listed below.

Please take a few minutes of your time to fill out this online program evaluation with your group:
<http://www.cilc.org/evaluation.aspx?pass=L205le7UXs>. We take your feedback seriously and this is one way that you can help us continue to improve our programming.

Remember to pass on what you learned in this program to help others learn about wolves, too! We look forward to hearing from you again.

Take care!
Tara Johnson

Tara Johnson
Program Specialist

218-365-4695, ext. 33
tjohnson@wolf.org

Educational Services
1396 Highway 169
Ely, MN 55731

www.wolf.org
The International Wolf Center advances the survival of wolf populations by teaching about wolves, their relationship to wildlands and the human role in their future.

International Wolf Center

