

**Agency: Commerce, Community and Economic Development**  
**Grants to Municipalities (AS 37.05.315)**  
**Grant Recipient: Fairbanks North Star Borough**

**Project Title:**

# Fairbanks North Star Borough - Joy Elementary School Mobile Learning Lab

**State Funding Requested: \$ 55,000**  
One-Time Need

**House District: 10 - E**

**Brief Project Description:**

Purchase to replace traditional computer lab space with mobile learning labs for students. The existing computers are obsolete and not compatible with the software run on teacher laptops.

**Funding Plan:**

**Total Cost of Project: \$55,000**

<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
There is no other funding needed					

**Detailed Project Description and Justification:**

In order to support technology integration efforts, the district needs to move towards replacing traditional computer lab space with mobile learning labs for students. The current computer lab contains obsolete computers not compatible with the software run on teacher laptops.

**Project Timeline:**

This project will begin during Fiscal Year 09 with expenditures completed within 36 months.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Fairbanks North Star Borough School District

**Grant Recipient Contact Information:**

Contact Name: Mike Fisher, CFO  
 Phone Number: 907-452-2000 ext.301  
 Address: 520 Fifth Ave. Fairbanks, AK 99701  
 Email: mfisher@northstar.k12.us

Has this project been through a public review process at the local level and is it a community priority?  Yes  No

*For use by Co-chair Staff Only:*

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FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

Information for Legislative Finance Committee **Project Form**

1. Recipient: Fairbanks North Star Borough School District
2. Municipality: Fairbanks North Star Borough
3. Project Timelines: All projects will be started during Fiscal Year 2009 with expenditures completed within 36 months.
4. Responsibility for ongoing maintenance & operational costs: Fairbanks North Star Borough School District
5. Grant Recipient Contact Information:
  - a. Contact Name: Mike Fisher, CFO
  - b. Phone Number: 907-452-2000, ext. 301
  - c. Address: Fairbanks North Star Borough School District, 520 Fifth Ave., Fairbanks, AK 99701
  - d. Email: mfisher@northstar.k12.ak.us
6. Other funding: To date, no other funds have been obtained for the projects listed.

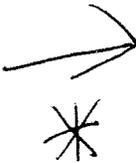
PROJECT TITLE	PROJECT DESCRIPTION & JUSTIFICATION
<b>Fuel Oil Tank Replacement, Districtwide</b>	Replace all non-conforming buried fuel oil tanks with code-compliant double wall fuel tanks with integral leak detection. Tanks need to be replaced at U-Park, Barnette, Joy, Salcha, Phy, North Pole High, Tanana, Woodriver, Badger, Pearl Creek, Two Rivers and Weller. Project will upgrade fuel systems to dual fuel for Natural gas. <i>(NOTE: This project is on the governor's list for funding as a 70% match. This grant would provide the remaining 30% funding to complete the project.)</i>
<b>Renovate Vocational Wing, North Pole High School</b>	The 16,000 square foot vocational wing needs upgrades to mechanical and electrical systems, replacement of built-in hardware and furnishings, and program area improvements to improve the ability to deliver modern vocational education programs in high demand.
<b>Technology Upgrades, Districtwide</b>	Includes continuing to upgrade digital communications to and within all borough schools and reducing ongoing fixed costs of operations and maintenance as far as possible. Integrating technology into all aspects of education is driving the need for a ratio of one computer for every student and staff member. The best connectivity method will be a robust wireless network with all schools connected to fiber optic links between schools and to the outside world. The server and storage requirements must be consolidated and housed in a suitable environment.

FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

PROJECT TITLE	PROJECT DESCRIPTION & JUSTIFICATION
<b>Gym Wing Improvements, Lathrop High School</b>	Includes replacement of gym flooring, divider wall, lighting, and other upgrades as possible for gym and surrounding wing. The systems are very old, heavily used, wearing out, and in need of upgrade.
<b>Gymnasium Upgrade, Woodriver Elementary School</b>	Gym flooring and other systems are wearing out due to age and use. Work includes replacement of gym flooring and lighting, HVAC upgrade, painting and finish upgrades, and other system upgrades as required.
<b>Replace Hallway Lockers, Lathrop High School</b>	Includes replacement of approximately 1500 hallway lockers at Lathrop High. The lockers are old and much of the hardware is wearing out. Securing lockers is very difficult and parts for lockers are no longer available.
<b>SMALL GRANTS</b>	
<b>Replace all Classroom Chalkboards, North Pole Middle School</b>	Classroom writing boards are wearing out after 29 years of use and need to be replaced with white writing boards.
<b>Replace Library Book Security System, Lathrop High School</b>	The book security system in the school library is 24 years old, has become unreliable, and is no longer supported by the manufacturer. The average cost to replace stolen books in 2008 is \$100 each. Book security is vital and cost-effective.
<b>Install Library Book Security System, Tanana Middle School</b>	Tanana has no library book security. The average cost to replace stolen books in 2008 is \$100. Book security is vital and cost-effective.
<b>Replace Office Intercom Panel, Pearl Creek Elementary School</b>	Pearl Creek's intercom system is reaching the end of its reliability and is no longer repairable. The district will replace the main service panel.
<b>Install Distance Learning System, Hutchison High School</b>	This project will provide all equipment necessary to set up one classroom for distance education content delivery, allowing the school to transmit or receive complete course content. This would allow for the delivery of Career-Tech programs from Hutchison to other high schools in a very cost-effective manner.
<b>Purchase Texas Instrument (TI) Navigators for Ben Eielson High School</b>	We have piloted TI Navigators in our schools and would like to provide one system per school. TI Navigator creates a network between the teacher computer and student graphing calculators for the teaching and learning of math and science.
<b>Purchase Mobile Learning Lab, Weller Elementary School</b>	In order to support technology integration efforts, the district needs to move towards replacing traditional computer lab space with mobile learning labs for students. Weller and Pearl Creek elementary schools' current computer lab contain obsolete computers not compatible with current software run on teacher laptops.
<b>Replace all Classroom Chalkboards, Badger Road Elementary School</b>	Classroom writing boards are wearing out after 24 years of use and need to be replaced with white writing boards.

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<p><b>Purchase CPS Student Response System, seven schools</b></p>	<p>With the purchase of one CPS system per school in the district, we can provide teachers school the opportunity to share a technology tool to encourage students to participate in presentations or lectures by submitting responses to interactive questions using a remote. Teachers in turn can assess learning, gather data, and enhance student participation at Elementary, Barnette Magnet K-8, Denali Elementary, Hunter Elementary, Lathrop High, Smith Middle, and Ryan Middle School.</p>
<p><b>Install Orchestra Pit Cover, West Valley High School</b></p>	<p>The orchestra pit in the Performing Arts Center needs a stage floor filler (platform) for the users and increased usability of the stage.</p>
<p><b>Purchase CPS Student Response System, four schools</b></p>	<p>With the purchase of one CPS system per school in the district, we can provide teachers school the opportunity to share a technology tool to encourage students to participate in presentations or lectures by submitting responses to interactive questions using a remote. Teachers in turn can assess learning, gather data, and enhance student participation at Elementary, Ben Eielson Jr. Sr. High, Crawford Elementary, and Salcha Elementary Sch</p>
<p><b>Purchase CPS Student Response System, five schools</b></p>	<p>With the purchase of one CPS system per school in the district, we can provide teachers school the opportunity to share a technology tool to encourage students to participate in presentations or lectures by submitting responses to interactive questions using a remote. Teachers in turn can assess learning, gather data, and enhance student participation at Elementary, Joy Elementary, Ladd Elementary, Nordale Elementary, and Tanana Middle</p>
<p><b>Purchase Texas Instrument (TI) Navigators for six schools</b></p>	<p>We have piloted TI Navigators in our schools and would like to provide one system per school. TI Navigator creates a network between the teacher computer and student graph calculators for the teaching and learning of math and science at Hutchison High, Lathrop Randy Smith Middle, Ryan Middle, Tanana Middle, and West Valley High School.</p>
<p><b>School Security Upgrade for Hutchison High School</b></p>	<p>These funds would provide for expansion and upgrade of security equipment, video camera recording equipment to improve school safety.</p>
<p><b>Purchase Mobile Learning Lab, Joy Elementary School</b></p>	<p>In order to support technology integration efforts, the district needs to move towards replacing traditional computer lab space with mobile learning labs for students. Weller and Pearl C elementary schools' current computer lab contain obsolete computers not compatible with software run on teacher laptops.</p>
<p><b>Replace Athletic, Fitness, &amp; Wellness Equipment, North Pole High School</b></p>	<p>Equipment for track &amp; field, gymnastics, x-c running, x-c skiing, swimming &amp; diving, volley softball, baseball, &amp; tennis is wearing out &amp; in need of replacement.</p>
<p><b>Replace Athletic, Fitness, &amp; Wellness Equipment, Lathrop High School</b></p>	<p>Equipment for track &amp; field, gymnastics, x-c running, x-c skiing, swimming &amp; diving, volley softball, baseball, &amp; tennis is wearing out &amp; in need of replacement.</p>
<p><b>Replace Athletic, Fitness, &amp; Wellness Equipment, West Valley High School</b></p>	<p>Equipment for track &amp; field, gymnastics, x-c running, x-c skiing, swimming &amp; diving, volley softball, baseball, &amp; tennis is wearing out &amp; in need of replacement.</p>



FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

<b>Replace Athletic, Fitness, &amp; Wellness Equipment, Ben Eielson High School</b>	Equipment for track & field, gymnastics, x-c running, x-c skiing, swimming & diving, volleyball, softball, baseball, & tennis is wearing out & in need of replacement.
<b>Replace Athletic, Fitness, &amp; Wellness Equipment, Hutchison High School</b>	Equipment for track & field, gymnastics, x-c running, x-c skiing, swimming & diving, volleyball, softball, baseball, & tennis is wearing out & in need of replacement.