

Initial Submission	02/28/2013
Plan Resubmitted	03/01/2013
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Contact Information

District Information

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District Technology Planning (DTP) Only

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2. Mid-course Correction - During the course of annual review for e-Rate this plan was found to be in need of mid-course correction on:

3. Annual Review - The plan was reviewed and evaluated on:

District Data - Report Card Analysis



Summary - What do the District Report Card data tell you about student performance in your district? If appropriate, the district will consider grade-level and subgroup performance.

Based upon our 2012 ISAT data, approximately 72.3% of our students met AYP in the area of reading, while 78.3% met AYP in the area of mathematics. Our White, Hispanic, LEP and African American subgroups met AYP in the areas of reading and mathematics. Our students with disabilities subgroup did not meet AYP in the areas of reading or mathematics.

Our district has shown a steady increase in both reading and mathematics scores from 2009-2012. Based upon the 2012 data, our 6th-8th grades perform at higher levels in the area of reading, while our 3rd-5th grades performed at higher levels in mathematics. Areas of strength for our district are reading strategies related to reading fluency and reading strategies while reading comprehension and vocabulary development continues to be a challenge for our teaching staff and students. Our White and Hispanic students continue to perform ahead of our African American students, however, our African American students have made continuous progress over the past three years in both reading and mathematics.


Traditionally, math has been an area of strength for our students, while our students continue to demonstrate struggle with reading concepts. As a district we will continue to focus our attention on strengthening reading comprehension, vocabulary and analysis of complex text for all grade levels. We will also focus attention on improving our student's knowledge in measurement, number sense, and problem analysis in the area of mathematics.



Analysis - What areas of strength are indicated? What areas of weakness, if any, are indicated by these data? What factors are likely to have contributed to these results? Consider both external and internal factors to the school that can be influenced or improved by the district.

Data supports a steady upward trend from year to year in the areas of reading and math. Growth can be attributed to several factors, which include the efforts to insure that our teachers and paraprofessionals are highly qualified. In addition, our staff participates in professional development focusing on areas of best practice in all content areas. Professional development which incorporates modeling and classroom support is offered to all staff members within the district. Administrators and staff training in disaggregation of assessment data and data analysis provide valuable information on student strengths and weaknesses that inform areas of instruction. Professional development surveys are also conducted yearly to enlist staff input related to identified areas of need and interest. Our curriculum maps have been re-aligned to the Common Core Standards and will undergo review and updating due to a new reading, language arts series. Quarterly common assessments have been created by teaching staff for all grades levels, and analyzed to ascertain the level of student achievement and the effectiveness of our adopted curriculum. The district has implemented a textbook adoption on a 4 year rotating cycle. This cycle ensures that our students receive new and updated textbooks in all core academic areas. The steady increase in our assessment data is a direct reflection of these contributing factors occurring internally within our district to improve the cognitive ability of our students while increasing their academic achievement.

Our mobility factor continues to have an impact on the learning process. Our mobility rate based upon the 2012 ISAT was 24.1%. This was an increase of 5.3% from the 2011 rate of 18.8%. The state average for 2012 was 13.1% and 12.8% for 2011 school year. While our students continue to make progress academically, our families and students' economic conditions continue to rise well above the State averages year to year. 2012 numbers indicate 87.6% for the past two years, with State averages of 49%, 2012 with 48.1% in 2011. Our data also indicates an increase in the number of students identified with disabilities. Our district receives a large number of transfer students with special needs. Over the past three years our students with IEP's increased from 9.6% in 2010; to 14.4% in 2011; to 14.7% in 2012. The State average in 2010 was 13.1%; 2011 14%; and 2012 13.6%.

 **Conclusions** - What do these factors imply for next steps in technology planning?

The mobility factor continues to be a challenge for our district. We will continue to make concentrated efforts to standardize our instructional practices at each building site to ensure that students moving throughout our district will be introduced and taught the same instructional material from the same instructional guide (curriculum maps). These efforts will assist in increasing the continuity amongst the various schools within our district. Our staff will be provided numerous opportunities to collaborate and articulate on a consistent basis to discuss effective classroom strategies that can be implemented to increase student achievement and help students master standards and objectives that have not yet been mastered. The instructional staff will also be provided numerous opportunities to participate in various technology training sessions that provide insight and "know how" related to technology which supports instructional practice. Our technology department provides support to staff by conducting trainings in the technological mediums available to our staff and students. (Gaggle, SMART, Discovery, i-Ready, and Study Island). These systems are designed to support teacher practice and allow for total integration of technology into the instructional process. Mediums provide teachers with abilities to communicate extensively with students as well as assign supplemental lessons to reinforce in-class instruction. Classroom teachers will also receive training and in classroom coaching that will help them to improve their effective delivery of effective instructional strategies, especially in the area of reading.

District Data – Local Assessments



Summary - What do the Local Assessment data tell you about student performance in your district?. If appropriate, the district will consider grade-level and subgroup performance.

Prairie-Hills Elementary School District 144 administers Northwest Evaluation Association's Measures of Academic Progress (MAP) three times a year as a pre-test, mid-year, and post-test. The MAP Reading and Math Assessments are given to all 2nd-8th grade students.

The district adopted i-Ready a new adaptive diagnostic assessment which prescribes an instructional plan for every student in the areas of reading and math (2012). This assessment is given at the beginning of the year (pre-test and post -test) for all students in kindergarten through eighth grade. Progress monitoring occurs mid-year to ascertain growth.

In addition, the AIMSweb Benchmark Assessments are given to all K-8th grade students to assess their level of fluency. The district is considering adjusting the administration of AIMSweb to be given to grades K-3rd grades throughout the district with administration to students in grades 4-8th optional based on proficiency in reading according to MAP and i-Ready scores for the 2013-2014 school year.

MAP schedule of administration (2012-2013 School Year): Pre-Test: Sept. 17-Oct. 5 Mid Year: Jan. 14-Jan. 31 Post-Test: April 9-May 3

AIMSweb Schedule of administration (2012 -2013School Year): Pre-Test: Sept. 4-Sept. 14 Mid Year: Jan. 14-Jan. 25 Post-Test: May 6-May 16.

i-Ready Schedule of administration (2012-2013 School Year): Pre-Test: Sept. 4-Sept. Post-Test: May 6-May 10.

Prairie-Hills Elementary School District 144 administers these assessments to assist in instructional focus as it relates to areas of strengths and weaknesses in regards to purchasing resources and planning professional development. Assessment data is also used to determine program effectiveness, tier placement for RtI, as well as a method of predicting how our students will perform on the yearly ISAT assessment.

The projected proficiency level per grade level on the 2013 Reading ISAT (percentage of students meeting and exceeding): 3rd grade: 55.2%; 4th grade: 60.5%; 5th grade: 59.5%; 6th grade: 57.9%; 7th grade: 55.7%; 8th grade: 72.8%.

The projected proficiency level per grade level on the 2013 Math ISAT (percentage of students meeting and exceeding): 3rd grade: 65.3%; 4th grade: 69.1%; 5th grade: 69.6%; 6th grade: 61.2%; 7th grade: 60.1%; 8th grade: 65.4%.

The percentage of students above the 50th percentile nationally on NWEA's Reading MAP in the Fall 2012 was: 2nd grade: 37.2%; 3rd grade: 31.8%; 4th grade: 36.6%; 5th grade: 37.3%; 6th grade: 25.4%; 7th grade: 30.9%; 8th grade: 36.0%.

The percentage of students above the 50th percentile nationally on NWEA's Reading MAP in the **Winter 2013** was: **2nd grade:** 43.8%; **3rd grade:** 39.6%; **4th grade:** 43.1%; **5th grade:** 42.2%; **6th grade:** 34.7%; **7th grade:** 33.6%; **8th grade:** 39.0%.

The percentage of students above the 50th percentile nationally on NWEA's Math MAP in the **Fall 2012** was: **2nd grade:** 22.1%; **3rd grade:** 23.0%; **4th grade:** 24.9%; **5th grade:** 21.2%; **6th grade:** 17.6%; **7th grade:** 17.0%; **8th grade:** 24.3%.

The percentage of students above the 50th percentile nationally on NWEA's Math MAP in the **Winter 2013** was: **2nd grade:** 27.0%; **3rd grade:** 23.9%; **4th grade:** 26.7%; **5th grade:** 18.2%; **6th grade:** 20.6%; **7th grade:** 14.0%; **8th grade:** 31.5%.

The percentage of student On or Above Level on the i-Ready Diagnostic **Reading Assessment:** **Kindergarten:** 50% on the Pre-Test and 81% on the **Mid Year test**; **1st grade:** 38% on the Pre-Test and 69% on the **Mid Year test**; **2nd grade:** 37% on the Pre-Test and 60% on the **Mid Year test**; **3rd grade:** 24% on the Pre-Test and 52% on the **Mid Year test**; **4th grade:** 15% on the Pre-Test and 32% on the **Mid Year test**; **5th grade:** 17% on the Pre-Test and 31% on the **Mid Year test**; **6th grade:** 24% on the Pre-Test and 26% on the **Mid Year Test**; **7th grade:** 30% on the Pre-Test and 27% on the **Mid Year test**; **8th grade:** 34% on the Pre-Test and 30% on the **Mid Year Test**.

The percentage of student On or Above Level on the i-Ready Diagnostic **Math Assessment:** **Kindergarten:** 3% on the Pre-Test and 12% on the **Mid Year test**; **1st grade:** 5% on the Pre-Test and 34% on the **Mid Year test**; **2nd grade:** 8% on the Pre-Test and 27% on the **Mid Year test**; **3rd grade:** 5% on the Pre-Test and 33% on the **Mid Year test**; **4th grade:** 4% on the Pre-Test and 21% on the **Mid Year test**; **5th grade:** 6% on the Pre-Test and 19% on the **Mid Year test**; **6th grade:** 1% on the Pre-Test and 4% on the **Mid Year Test**; **7th grade:** 1% on the Pre-Test and 1% on the **Mid Year test**; **8th grade:** 1% on the Pre-Test and 5% on the **Mid Year Test**.

There has been steady growth in student performance on the district assessments. This is more evident in the primary grades as compared to intermediate and upper grade levels. The district goal is to increase the rigor of our curriculum and have at least 85% of our students above the 50th percentile on NWEA's MAP in reading and mathematics.



Analysis - What areas of strength are indicated? What areas of weakness, if any, are indicated by these data? What factors are likely to have contributed to these results? Consider both external and internal factors to the school that can be influenced or improved by the district.

The assessment data indicates that we are doing much better in reading than mathematics. Both i-Ready and MAP indicated that many of our students were below grade level. It is our belief that we did not intensively focus attention to the area of math, because we have consistently performed well on ISAT in the area of math across the district. Notwithstanding the knowledge that the ISAT Mathematics test did not have the same kind of rigor as compared to our local assessments (NWEA MAP & i-READY Assessments). In addition, because of our lack of mastery in the area of reading, about 70% of our professional development was focused on improving our students' literacy skills over the past few years. We began to examine our math practices and instructional strategies during the 2012-2013 school year, by adopting a mathematics initiative SCMI designed to transition instructional strategies and practices of our teachers in preparation for the Common Core Standards. This initiative started in grades 6-8th grade and has since encapsulated grades K-5th grades across the district. In the elementary grades, Measurement and Number Sense is an area of concern as these are generally the lowest scoring categories related to Math.

We have also noticed a downward trend starting in sixth grade regarding student performance on our district assessments. Our contention continues to center around consistent instructional practices and strategies implemented with our students in grades 6-8th. Our elementary students have been engaged in collaborative learning which embraces small group instruction, theme based instruction, and workshop models, and are then transitioned to the junior high school (6-8th grade) where content is presented in a departmentalization format and less collaborative models implemented.

As a district, we have committed to ensuring consistent and continuous instruction across the district by focusing on creating a more rigorous curriculum. Our curriculum maps will serve as a "blueprint" for grades K-8th grade detailing skills that students must learn to mastery by specified grade levels. We have committed to providing professional development that is also focused on building teacher capacity and comfortability with the increase rigor of the curriculum as well as modeling and imparting the vision of what these new practices "look like" in implementation across all grade levels.



Conclusions - What do these factors imply for next steps in technology planning?

We as a district understand the increased demand placed upon our infrastructure for the use of computers and wireless access to information and use within our schools and classrooms, in order to accommodate the use of on-line adaptive assessments as well as the accessibility of data for instructional interpretation. We must continue to improve and expand to stay abreast of the demands related to technology within our district. We must continue to make accessible tools for use in the classrooms as well as home use. We continue to make available online use by means of flyers, workshops, school meetings, and our district website. We must continually remind our parents and encourage the use of our resources by parents and students. We will continually monitor usage of district provided educational resources to determine if outreach strategies are successful and continue to provide information/training as feedback suggest is needed. In addition we will continue to offer all students with a standards aligned technology curriculum to further enhance their skills and exposure. We continue to make progress in the resources provided and will continue to update/implement resources as needed.

We will continue to provide technical assistance to our 8th grade students through our laptop initiative. We implement technology-rich curricular activities indicated through teacher lesson plans that are designed to further our student's skills and enable them to be successful 21st century learners. Our students have access to classroom computers, laptops, i-pads, and netbooks. All schools have computer labs and classrooms equipped with either SMART Boards, SMART Projectors, Epson projectors. All teachers and students have access to the internet, with their own individual internet

account through GAGGLE; Safari Multimedia System; Discovery Education's Streaming, Video Conferencing, Podcast, Wikis, Blogs, headphones with microphones for reading comprehension and phonemic awareness; multiple online resources; Study Island; A-Z, Plato Learning, and Accelerated Reader.

Currently we have obtained as our data warehouse the IIRC NIC system which allows our district the ability to upload all local assessment data from MAP and AIMSweb, however we are examining other systems which offer the ability to integrate all assessments, state and local in one system location. This currently allows for complete access to our students' assessment histories(state and local, outside of common tier 3 assessments, for analysis and interpretation of students' results. Presently, this allows teachers the ability at a fingertip to quickly ascertain a student's academic profile highlighting areas of strengths and weaknesses on the MAP, ISAT and Aimsweb. We are moving to the adoption of Common Tier 3 assessments, which will inform our instructional framework and challenge us to make sure that our goals for student mastery in the areas of reading and math are being met.

District Information

Number	Item
2537	Number of K-12 self-contained regular classroom students. This includes any student that is counted for purposes of Average Daily Attendance(ADA). It also refers to students that the district is responsible for in the Student Information System (SIS).
160	Number of K-12 special education self-contained classroom students
201	Number of Teachers (FTE - this does not include teacher aides)
19	Number of Administrators
7	Number of instructional school buildings with high speed internet access
0	Number of instructional school buildings with low speed internet access
0	Number of instructional school buildings with no internet access
7	SubTotal
1	Number of non-instructional school buildings with high speed internet access
0	Number of non-instructional school buildings with low speed internet access
0	Number of non-instructional school buildings with no internet access
1	SubTotal
7	Total number of instructional school buildings
1	Total number of non-instructional buildings
100	Percentage of instructional school buildings with high speed internet access
0	Percentage of instructional school buildings with low speed internet access
0	Percentage of instructional school buildings with no internet access
100	Percentage of non-instructional school buildings with high speed internet access

0	Percentage of non-instructional school buildings with low speed internet access
0	Percentage of non-instructional school buildings with no internet access

Internet Access

Locations	Type of Internet Access							
	Total Number of Administrative Offices	10 mb Ethernet	100+ mb Ethernet	Dedicated Cable	DSL	Wireless	Other (Dial-up modem, etc.)	None (no internet access)
Instructional Classroom	0	0	195	0	0	195	0	0
Dedicated Computer Lab	0	0	12	0	0	12	0	0
Media Center/Library	0	0	7	0	0	7	0	0
Mobile Computer Lab	0	0	0	0	0	46	0	0
Administrative Offices	0	0	19	0	0	0	0	0
Teacher Offices	0	0	38	0	0	38	0	0
Other Locations	0	0	0	0	0	0	0	0
Totals	0	0	271	0	0	298	0	0

Computer Inventory

Desktop Computers

Desktop Computers													
Location	Computer Age	High Speed Access ≥56k			Low Speed Access <56k			No Internet Access			Total Desktop Computers (will populate automatically)		
		PC	Mac	Total	PC	Mac	Total	PC	Mac	Total	PC	Mac	Total
Instructional Classroom	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	780	20	800	0	0	0	0	0	0	780	20	800
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	780	20	800	0	0	0	0	0	0	780	20	800
Dedicated Computer Lab	Under 2 years	90	30	120	0	0	0	0	0	0	90	30	120
	2-5 years	34	0	34	0	0	0	0	0	0	34	0	34
	5+ years	180	0	180	0	0	0	0	0	0	180	0	180
	SubTotal	304	30	334	0	0	0	0	0	0	304	30	334
Media Center/Library	Under 2 years	6	4	10	0	0	0	0	0	0	6	4	10
	2-5 years	10	0	10	0	0	0	0	0	0	10	0	10
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	16	4	20	0	0	0	0	0	0	16	4	20
Mobile Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	60	2	62	0	0	0	0	0	0	60	2	62
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	60	2	62	0	0	0	0	0	0	60	2	62
Teacher Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	70	0	70	0	0	0	0	0	0	70	0	70
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	70	0	70	0	0	0	0	0	0	70	0	70
Other Locations	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0

Laptop/Tablet/Netbook Computers

Laptop/Tablet/Netbook Computers													
Location	Computer Age	High Speed Access ≥56k			Low Speed Access <56k			No Internet Access			Total Laptop/Tablet/Netbook Computers (will populate automatically)		
		PC	Mac	Total	PC	Mac	Total	PC	Mac	Total	PC	Mac	Total
Instructional Classroom	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Dedicated Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Media Center/Library	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Computer Lab	Under 2 years	780	0	780	0	0	0	0	0	0	780	0	780
	2-5 years	240	210	450	0	0	0	0	0	0	240	210	450
	5+ years	375	0	375	0	0	0	0	0	0	375	0	375
	SubTotal	1395	210	1605	0	0	0	0	0	0	1395	210	1605
Administrative Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	30	0	30	0	0	0	0	0	0	30	0	30
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	30	0	30	0	0	0	0	0	0	30	0	30
Teacher Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Other Locations	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0

	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0

Handheld Devices

Handheld Devices													
Location	Computer Age	High Speed Access ≥56k			Low Speed Access <56k			No Internet Access			Total Handheld Devices (will populate automatically)		
		PC	Mac	Total	PC	Mac	Total	PC	Mac	Total	PC	Mac	Total
Instructional Classroom	Under 2 years	0	270	270	0	0	0	0	0	0	0	270	270
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	270	270	0	0	0	0	0	0	0	270	270
Dedicated Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Media Center/Library	Under 2 years	0	30	30	0	0	0	0	0	0	0	30	30
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	30	30	0	0	0	0	0	0	0	30	30
Mobile Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Offices	Under 2 years	0	20	20	0	0	0	0	0	0	0	20	20
	2-5 years	0	30	30	0	0	0	0	0	0	0	30	30
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	50	50	0	0	0	0	0	0	0	50	50
Teacher Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0

	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Other Locations	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0

Servers

Servers													
Location	Computer Age	High Speed Access ≥56k			Low Speed Access <56k			No Internet Access			Total Servers (will populate automatically)		
		PC	Mac	Total	PC	Mac	Total	PC	Mac	Total	PC	Mac	Total
Instructional Classroom	Under 2 years	4	0	4	0	0	0	0	0	0	4	0	4
	2-5 years	44	0	44	0	0	0	0	0	0	44	0	44
	5+ years	6	0	6	0	0	0	0	0	0	6	0	6
	SubTotal	54	0	54	0	0	0	0	0	0	54	0	54
Dedicated Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Media Center/Library	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Mobile Computer Lab	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Administrative Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	10	0	10	0	0	0	0	0	0	10	0	10
	5+ years	3	0	3	0	0	0	0	0	0	3	0	3
	SubTotal	13	0	13	0	0	0	0	0	0	13	0	13
Teacher Offices	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0

	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0
Other Locations/Off-site	Under 2 years	0	0	0	0	0	0	0	0	0	0	0	0
	2-5 years	0	0	0	0	0	0	0	0	0	0	0	0
	5+ years	0	0	0	0	0	0	0	0	0	0	0	0
	SubTotal	0	0	0	0	0	0	0	0	0	0	0	0

Operating Systems

Locations	PC					
	Windows 7	Windows Vista	Windows XP (any version)	Windows 2000 (any version)	Windows 95/98	Other PC
Instructional Classroom	780	0	0	0	0	0
Dedicated Computer Lab	278	0	0	0	0	0
Media Center/Library	16	0	0	0	0	0
Mobile Computer Lab	1195	0	200	0	0	0
Administrative Offices	30	0	0	0	0	0
Teacher Offices	0	0	0	0	0	0
Other Locations/Off-site	0	0	0	0	0	0
Totals	2299	0	200	0	0	0

Locations	MACINTOSH				
	MAC System 10.x	MAC System 9.x	MAC System 8.x	MAC System 7.x	Other MAC
Instructional Classroom	20	0	0	0	0
Dedicated Computer Lab	0	0	0	0	0
Media Center/Library	0	0	0	0	0

Mobile Computer Lab	210	0	0	0	0
Administrative Offices	0	0	0	0	0
Teacher Offices	0	0	0	0	0
Other Locations/Off-site	0	0	0	0	0
Totals	230	0	0	0	0

Other Operating Systems (Including Linux)		
Location	Operating System	Number
Instructional Classroom		0
Dedicated Computer Lab		0
Media Center/Library		0
Mobile Computer Lab		0
Administrative Offices		0
Teacher Offices		0
Other Locations		0
	Subtotal	0

Operating Systems - Totals			
	Administrative	Other	Total
Windows:			
Windows 7	30	0	2299
Windows Vista	0	0	0
Windows XP (any version)	0	0	200
Windows 2000 (any version)	0	0	0
Windows 95/98	0	0	0
Other PC	0	0	0

Subtotal	30	0	2499
Macintosh:			
MAC System 10.x	0	0	230
MAC System 9.x	0	0	0
MAC System 8.x	0	0	0
MAC System 7.x	0	0	0
Other MAC	0	0	0
Subtotal	0	0	230
Other Operating Systems:			
SubTotal	0	0	0
Total	30	0	2729

Network Equipment

Locations	Type of Equipment							
	Hubs	Routers	Switches	Wireless Access Points	Firewall	Spam Filter	Content Filter	Intrusion Detector
Instructional Classroom	0	8	108	169	2	1	1	0
Dedicated Computer Lab	0	0	12	0	0	0	0	0
Media Center/Library	0	0	0	0	0	0	0	0
Mobile Computer Lab	0	0	0	0	0	0	0	0
Administrative Offices	0	0	0	0	0	0	0	0
Teacher Offices	0	0	0	0	0	0	0	0
Other Locations	0	0	0	0	0	0	0	0
Totals	0	8	120	169	2	1	1	0

Licensed Software

Yes No	Software Type
<input type="checkbox"/> <input type="checkbox"/>	Networking
<input type="checkbox"/> <input type="checkbox"/>	Personal Productivity Tools (Word Processing, Spreadsheet, Database, Communications)
<input type="checkbox"/> <input type="checkbox"/>	Multimedia (Graphics, Desktop Publishing, Illustration, CAD, Animation, Video editing etc.)
<input type="checkbox"/> <input type="checkbox"/>	Desktop Publishing
<input type="checkbox"/> <input type="checkbox"/>	Business Software (Accounting, Mapping, Project Management, Desktop Organizers, etc.)
<input type="checkbox"/> <input type="checkbox"/>	Programming packages (Computer Programming)
<input type="checkbox"/> <input type="checkbox"/>	Student Information Management Systems
<input type="checkbox"/> <input type="checkbox"/>	Filtering/Blocking Software
<input type="checkbox"/> <input type="checkbox"/>	Anti-Virus
<input type="checkbox"/> <input type="checkbox"/>	Other

Other Technologies

	Instructional	Administrative	Total
Networked Printers/Multifunctional Units	22	7	29
Stand-alone Printers/Multifunctional Units	175	16	191
Stand Alone Scanners	0	0	0
Digital Cameras	9	0	9

Camcorders/Movie Cameras	0	0	0
Satellite Dishes	0	0	0
Televisions	8	0	8
Video Microscopes	8	0	8
LCD Panels/Projection Devices	170	0	170
Fax Machines	7	7	14
Graphing Calculators	600	0	600
PDAs	0	0	0
Assistive/Adaptive Devices/Student Response Devices	240	0	240
GPS Devices/Geocaching	0	0	0
Science Probeware	7	0	7
Electronic Whiteboards	170	0	170
Whiteboard Peripherals (clickers, note capturing devices)	8	0	8
Document Cameras	53	1	54
MP3/ Electronic Readers, Kindles, etc.	5	0	5


Telecommunications

	Instructional	Administrative	Total
Landline Service (How many phone numbers - this should reflect phone service put into the E-Rate 471 application)	48	22	70
Mobile Phone Service (How many phone numbers - this should reflect mobile phone service put into the E-Rate 471 application and Blackberries)	15	30	45
Internet connected VOIP(Voice over IP)	200	50	250

Distance Learning

Distance Learning	Number of Access Points
Satellite	0
Cable/Broadcast	4
Internet Services for Distance Learning	0
Phone line/v-tel systems	0
Other	0

Analysis

 **Summary** - Briefly describe the technology deployment data in all district and school facilities (refer to the District Summary Technology Report). Technology deployment includes technology infrastructure, instructional technology integration, information technology, and telecommunications. What do these data tell you? All data used to develop the action plan must be made available to ISBE, the United States Department of Education, the Universal Services Administrative Company, and the local community upon request.

The technology infrastructure at Prairie-Hills includes a Metropolitan Area Network that connects all seven of our locations via a 250 mbs fiber connection, and a 1gb connection to our internet service provider from our main data center. We currently have only one internet connection to our ISP via our main data center of 300 mbs. A wireless network was installed in 2006, and upgraded in 2009, but it was done on a coverage, instead of density model. With the increase in the number of mobile devices (1:1), including laptops, iPads, and Netbooks, we will need to upgrade the current wireless infrastructure to accomodate coverage for a minimum of 30 devices per classroom, for all classrooms, to guarantee network, and internet access wherever devices are used.

Our current infrasturcture includes wired cabling to every classroom to accomodate a PC for each teacher, and a minimum of 3 PC's per classroom. This allows classrooms that aren't included in 1:1 iniatives to utilize computers for local applications, online supplmental curricular and assessment, and diagnostics, as needed. All classrooms are equipped with an interactive whiteboard or interactive projector, allowing teachers to engage students during whole and small group instruction. PHSD 144 has a video distribution system, which allows teachers to stream digital media directly to their desktops. This media includes all titles from Discovery Education, as well as digital content created by teachers/students and stored on the distribution system for use as needed. The video distribution also allows cable television to be stremaed directly to the classrooms and labs.

Our classroom computers are approaching their three year mark, and lab computers are older than five years, which means those will need to be replaced soon. Approximately 240 laptops that were purchased through the EETT grants in 2008 and 2009, are also aging, and with low battery life, as well as a lack of support for parts and software, replacements will need to be considered in the near future.



Analysis - In what ways, if any, has technology deployment including technology infrastructure, instructional technology integration, and information technology contributed to student performance?

Having a readily available network has been pivotal in assuring our students are able to access local applications, as well as web applications, and having access to the internet for teachers to utilize during instruction, as well as students for learning and research.

Students are able to utilize prescriptive software that assesses, and provide remediation and challenge on an individual student basis, so that students can move forward at their own pace. Teachers are utilizing software to communicate with students through email, blogs, discussion boards, etc via our district website and other subscribed services. Computer Technology courseware is available online for seventh and eighth grade students to hone their skills with a variety of software, include Internet Explorer, Microsoft Word, Excel, PowerPoint, ect.

Teachers are using the Interactive Projectors to engage students regularly with instruction that integrates, audio, video, and allow students to interact with the media to express ideas, concerns, and allow for regular assessment of student learning throughout instruction. I-Pads and netbooks are also utilized daily to allow students the flexibility and the capabilities to build background knowledge and experiences that may not otherwise be available to them.



Conclusions - What do these factors imply for next steps in technology planning?


We have already begun to address our network infrastructure shortcomings. In looking to move toward a density model for coverage in wireless connectivity we are seeking funding through the E-rate program to upgrade our wireless infrastructure, as well as some additional wired connections, to assure that we are providing an infrastructure that supports 1:1 students computing, for streaming media, internet access, as well as local application access, that provides adequate bandwidth for these technologies.

We are looking to upgrade computer lab devices during the fy 2013-14, with the purchase of 210 desktops, so that students and teachers have equipment that allow them to access needed resources efficiently.


Access to rich online media, instructional content, will continue to be a priority, as these resources allow teachers to bring rich instructional content, as well as varied content to address the needs of all students. Training on the resources will continue to be paramount in effective utilization, not only for new teachers, but existing staff as well.

Action Plan - Goals, Strategies, and Activities
Summary


FY 2014

Goal Number	Title
1	 Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2013, 92.5% target.

FY 2015

Goal Number	Title
1	 Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2014, 100.0 target.

FY 2016

Goal Number	Title
1	 Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2015, 100.00% target.

Action Plan - Goals, Strategies, and Activities
FY 2014

FY 2014 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2013, 92.5% target.

Action Plan- Instruction
FY 2014

FY 2014 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2013, 92.5% target.

Strategy 1

Students will use scientific, researched based instructional interventions and appropriate technology, to increase student achievement in reading.

Activity 1	Start Date	End Date	Timeline
Students in grades K-8, will be assessed at least two times each year using MAP Assessments.	07/01/2013	06/30/2014	06/30/2014
Activity 2	Start Date	End Date	Timeline
Students in grades K-3 will be assessed three times each year using AIMSweb assessment.	07/01/2013	06/30/2014	06/30/2014
Activity 3	Start Date	End Date	Timeline
Students in grades K-8, will utilize i-Ready to increase reading concepts and skills.	07/01/2013	06/30/2014	06/30/2014

Strategy 2

Students will receive computer application, typing instruction, drill and practice to increase efficiency and effective usage of technology in the learning process.

Activity 1	Start Date	End Date	Timeline
6th, 7th & 8th grade students will utilize various on-line technology courses in an effort to increase usage and integration of technology skills within the classroom environment.	07/01/2013	06/30/2014	06/30/2014
Activity 2	Start Date	End Date	Timeline
Students in grades K-8th grade will learn and utilize UltraKey Typing software to build and improve keyboarding proficiency to enhance the usage of technology in the learning process.	07/01/2013	06/30/2014	06/30/2014
Activity 3	Start Date	End Date	Timeline
25% of 6th-8th grade students will utilize email (Gaggle) as means of communication to support and enhance the learning process	07/01/2013	06/30/2014	06/30/2014
Activity 4	Start Date	End Date	Timeline
Students will continue to use on-line instructional resources and software in efforts to increase and support an understanding of reading strategies and concepts, conducting research, practice and progress monitoring of those strategies and concepts. Resources include Study Island, Learning A-Z, Raz Kids, Encyclopedia Britannica, etc.)	07/01/2013	06/30/2014	06/30/2014

Strategy 3			
Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.			
Activity 1	Start Date	End Date	Timeline
Students in grades K-8th will use various applications and multi-media software such as Word, Powerpoint, Excel, Publisher, Movie-Maker, Photo-shop, etc. to design and develop products that communicate an understanding of identified reading strategies and skills.	07/01/2013	06/30/2014	06/30/2014
Activity 2	Start Date	End Date	Timeline
Students in classrooms receiving ETT2 and 1:1 laptop initiative equipment will utilize instructional software to demonstrate an understanding of concepts and communicate ideas.	07/01/2013	06/30/2014	06/30/2014

Activity 3	Start Date	End Date	Timeline
Students will use Web 2.0 tools such as wikis, blogs, podcasat, video-casting to collaborate ans communicate with other students and staff as a means of expression and method to relay understanding of concepts in an effort to increase critical thinking skills and creativity.	07/01/2013	06/30/2014	06/30/2014

Action Plan - Professional Development
FY 2014

FY 2014 Goal Title:
Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2013, 92.5% target.

Strategy 1
The district will continue its professional development program focusing on on-line resource integration in insruction utilizing technology to support student learning.

Activity 1	Start Date	End Date	Timeline
At least 25 staff members trained to serve as on-site trainers for staff on effective integration of on-line resources into lessons for improved student acjievement.	07/01/2013	06/30/2014	06/30/2014

Activity 2	Start Date	End Date	Timeline
Conduct annual District Literacy & Math Conference which will include technology integration workshops designed to showcase talents of district teachers and staff.	07/01/2013	06/30/2014	06/30/2014

Activity 3	Start Date	End Date	Timeline
Continued training for 100% of district staff on the effective use and integration of on-line resources into daily lessons focused on improvement of student achievement.	07/01/2013	06/30/2014	06/30/2014

Strategy 2
The district will continue to provide professional development that assists teachers in increasing and enhancing their professional technology proficiencies.

Activity 1	Start Date	End Date	Timeline
Provide district-wide training on the use of software applications, including Web 2.0, wikis, blogs, podcasting, etc.,) for the purpose of producing material that communicates reading concepts, skills, and ideas.	07/01/2013	06/30/2014	06/30/2014
Activity 2	Start Date	End Date	Timeline
Administrators will continue to evaluate the use and effectiveness of technology in the classroom through observations and instructional lesson plans.	07/01/2013	06/30/2014	06/30/2014
Activity 3	Start Date	End Date	Timeline
New teachers and support staff will receive training in the use and development of new and innovative technology available and implemented within the district.	07/01/2013	06/30/2014	06/30/2014
Activity 4	Start Date	End Date	Timeline
Teachers will attend off-site workshops and conferences to increase and enhance their knowledge and strategies for the integration and implementation of technology in the curriculum.	07/01/2013	06/30/2014	06/30/2014
Activity 5	Start Date	End Date	Timeline
Classroom teachers designated as ETT2& 1:1 laptop recipients will continue to receive on-going training and support to increase skills and overall effectiveness of integration of technology into lessons to increase and enhance reading achievement.	07/01/2013	06/30/2014	06/30/2014
Activity 6	Start Date	End Date	Timeline
Teachers will receive ongoing training for effective use of interactive projectors, whiteboard technology, IPEVO, ELMO training for integration into lesson plans and the instructional process.	07/01/2013	06/30/2014	06/30/2014

Strategy 3
Evaluate and provide professional development activities requiring report generation, interpretation and utilization of data generated from scientific, research-based applications and programs.

Activity 1	Start Date	End Date	Timeline
Teachers will receive ongoing training and support in the creation of reports, interpretation, and utilization of data generated from instructional and assessment resources.	07/01/2013	06/30/2014	06/30/2014
Activity 2	Start Date	End Date	Timeline
New teachers will receive training on the use of scientific, research- based applications, report generation, data interpretation and utilization of data in the instructional process.	07/01/2013	06/30/2014	06/30/2014

Action Plan- Technology Deployment Data
FY 2014

FY 2014 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2013, 92.5% target.

Strategy 1

Network infrastructure will be maintained and/or to support the utilization of online instructional resources, assessments, and local applications for instruction and learning.

Activity 1	Start Date	End Date	Timeline
Upgrade network connectivity between locations to the main datacenter to 1gbs, and 10gb to ISP for improved ability to stream video, meet online assessment needs, and access instructional resources.	07/01/2013	08/22/2013	08/22/2013
Activity 2	Start Date	End Date	Timeline
Upgrade internet access to 1gbs speed to provide increased speeds to accomodate increased online assessments, both local, state, and national assessments, utilization of web 2.0 tools in instruction, and learning, as well as online resources.	07/01/2013	07/01/2013	07/01/2013
Activity 3	Start Date	End Date	Timeline
Upgrade wireless network to include AP's in every classroom, to provide efficient network and internet access for the increase use of mobile devices, including many 1:1 classrooms.	07/01/2013	06/03/2014	06/03/2014

Activity 4	Start Date	End Date	Timeline
Maintain, and upgrade network video network components to accomodate streaming media and cable TV access to the classroom to provide rich media experiences in teaching and learning.	07/01/2013	06/30/2014	06/30/2014
Activity 5	Start Date	End Date	Timeline
Add additional ethernet cabling/drops to accomodate upgrade to wireless network	07/01/2013	06/30/2014	06/30/2014
Activity 6	Start Date	End Date	Timeline
Replace network servers in 6 schools, including DHCP, DNS.	07/01/2013	06/30/2014	06/30/2014
Activity 7	Start Date	End Date	Timeline
Purchase and deploy UTM to provide network firewalling, network intrusion prevention and gateway antivirus gateway anti-spam, VPN, content filtering, load balancing, and data leak prevention.	07/01/2013	06/30/2014	06/30/2014

Strategy 2			
Renew licensing and subscriptions to online instructional resources, software applications, and assessments, used for instruction learning and assessments.			
Activity 1	Start Date	End Date	Timeline
Renew subscriptions i-Ready assessment and prescriptive software, Study Island, Learning A-Z, Raz Kids, Encylopedia Britannica.	07/01/2013	06/01/2014	06/01/2014
Activity 2	Start Date	End Date	Timeline
Renew licensing for Skillsoft online Computer courseware, including Microsoft Word, Excel, PowerPoint, and Access, Internet Explorer, Adobe, Windows 7, Growing with Technology,	07/01/2013	06/30/2014	06/30/2014

<p>Activity 3 Renew licensing for Gaggie Online Resources for all students. Gaggie provides email for students, as well as online storage of document, assignment dropbox, blogs, and internet safety courses.</p>	<p>Start Date 07/01/2013</p>	<p>End Date 06/30/2014</p>	<p>Timeline 06/30/2014</p>
<p>Activity 4 Renew website hosting licensing to provide students and parents with a portal for accessing online resources at school and home.</p>	<p>Start Date 07/01/2013</p>	<p>End Date 06/30/2014</p>	<p>Timeline 06/30/2014</p>
<p>Activity 5 Continue to provide online access to parents for student grades, homework activities, attendance, etc. through the PowerSchool Parent Portal.</p>	<p>Start Date 07/01/2013</p>	<p>End Date 06/30/2014</p>	<p>Timeline 06/30/2014</p>
<p>Activity 6 Maintain a student management system, that allows teachers to maintain courses, student rosters, gradebooks, and attendance, as well as run reports for student progress.</p>	<p>Start Date 07/01/2013</p>	<p>End Date 06/30/2014</p>	<p>Timeline 06/30/2014</p>
<p>Activity 7 Continue to maintain UltraKey Typing Software for typing instruction, drill and practices to increase students use and speed of keyboarding to improve use of technology for learning.</p>	<p>Start Date 07/01/2013</p>	<p>End Date 06/30/2014</p>	<p>Timeline 06/30/2014</p>

<p>Strategy 3 Upgrade older computers, and increase the number mobile devices to provide increased opportunities to access to applications, both local, and online, as well as online instructional resources, and assessments.</p>			
<p>Activity 1 Research, recommend and deploy at least 25 computers in two school computer labs, and printers.</p>	<p>Start Date 07/23/2013</p>	<p>End Date 08/21/2013</p>	<p>Timeline 08/21/2013</p>

Activity 2	Start Date	End Date	Timeline
Research, recommend, purchase and/or deploy mobile devices for all 8th grade students, to provide a 1:1 computing environmet.	08/21/2013	06/30/2014	06/30/2014
Activity 3	Start Date	End Date	Timeline
Purchase and deploy document cameras for all 5th-8th grade teachers.	07/01/2013	06/30/2014	06/30/2014

Action Plan - Goals, Strategies, and Activities
FY 2015

FY 2015 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2014, 100.0 target.

Action Plan- Instruction
FY 2015

FY 2015 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2014, 100.0 target.

Strategy 1

Students will use scientific, researched based instructional interventions and appropriate technology, to increase student achievement in reading.

Activity 1	Start Date	End Date	Timeline
Students in grades K-8, will be assessed at least two times each year using MAP Assessments.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Students in grades K-3 will be assessed three times each year using AIMSweb assessment.	07/01/2014	06/30/2015	06/30/2015
Activity 3	Start Date	End Date	Timeline
Students in grades K-8, will utilize i-Ready to increase reading concepts and skills.	07/01/2014	06/30/2015	06/30/2015

Strategy 2

Students will receive computer application, typing instruction, drill and practice to increase efficiency and effective usage of technology in the learning process.

Activity 1	Start Date	End Date	Timeline
6th, 7th & 8th grade students will utilize various on-line technology courses in an effort to increase usage and integration of technology skills within the classroom environment.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Students in grades K-8th grade will learn and utilize UltraKey Typing software to build and improve keyboarding proficiency to enhance the usage of technology in the learning process.	07/01/2014	06/30/2015	06/30/2015
Activity 3	Start Date	End Date	Timeline
50% of 6th-8th grade students will utilize email (Gaggle) as means of communication to support and enhance the learning process	07/01/2014	06/30/2015	06/30/2015
Activity 4	Start Date	End Date	Timeline
Students will continue to use on-line instructional resources and software in efforts to increase and support an understanding of reading strategies and concepts, conducting research, practice and progress monitoring of those strategies and concepts. Resources include Study Island, Learning A-Z, Raz Kids, Encyclopedia Britannica, etc.)	07/01/2014	06/30/2015	06/30/2015

Strategy 3			
Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.			
Activity 1	Start Date	End Date	Timeline
Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Students in classrooms receiving ETT2 and 1:1 laptop initiative equipment will utilize instructional software to demonstrate an understanding of concepts and communicate ideas.	07/01/2014	06/30/2015	06/30/2015

Activity 3	Start Date	End Date	Timeline
Students will use Web 2.0 tools such as wikis, blogs, podcasat, video-casting to collaborate ans communicate with other students and staff as a means of expression and method to relay understanding of concepts in an effort to increase critical thinking skills and creativity.	07/01/2014	06/30/2015	06/30/2015

Action Plan- Professional Development
FY 2015

FY 2015 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2014, 100.0 target.

Strategy 1

The district will continue its professional development program focusing on on-line resource integration in insruction utilizing technology to support student learning.

Activity 1	Start Date	End Date	Timeline
At least 25 staff members trained to serve as on-site trainers for staff on effective integration of on-line resources into lessons for improved student	07/01/2014	06/30/2015	06/30/2015

Activity 2	Start Date	End Date	Timeline
Conduct annual District Literacy & Math Conference which includes technology integration workshops designed to showcase talents of district teachers and staff.	07/01/2014	06/30/2015	06/30/2015

Activity 3	Start Date	End Date	Timeline
Continued training for 100% of district staff on the effective use and integration of on-line resources into daily lessons focused on improvement of student achievement.	07/01/2014	06/30/2015	06/30/2015

Strategy 2

Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.

Activity 1	Start Date	End Date	Timeline
Students in grades K-8th will use various applications and multi-media software such as Word, Powerpoint, Excel, Publisher, Movie-Maker, Photo-shop, etc. to design and develop products that communicate an understanding of identified reading strategies and skills.			
Activity 2	Start Date	End Date	Timeline
Students in classrooms receiving ETT2 and 1:1 laptop initiative equipment will utilize instructional software to demonstrate an understanding of concepts and communicate ideas.	07/01/2014	06/30/2015	06/30/2015
Activity 3	Start Date	End Date	Timeline
New teachers and support staff will receive training in the use and development of new and innovative technology available and implemented within the district.	07/01/2014	06/30/2015	06/30/2015
Activity 4	Start Date	End Date	Timeline
Teachers will attend off-site workshops and conferences to increase and enhance their knowledge and strategies for the integration and implementation of technology in the curriculum.	07/01/2014	06/30/2015	06/30/2015
Activity 5	Start Date	End Date	Timeline
Classroom teachers designated as ETT2& 1:1 laptop recipients will continue to receive on-going training and support to increase skills and overall effectiveness of integration of technology into lessons to increase and enhance reading achievement.	07/01/2014	06/30/2015	06/30/2015
Activity 6	Start Date	End Date	Timeline
Teachers will receive ongoing training for effective use of interactive projectors, whiteboard technology, IPEVO, ELMO training for integration into lesson plans and the instructional process.	07/01/2014	06/30/2015	06/30/2015

Strategy 3
Evaluate and provide professional development activities requiring report generation, interpretation and utilization of data generated from scientific, research-based applications and programs.

Activity 1	Start Date	End Date	Timeline
Teachers will receive ongoing training and support in the creation of reports, interpretation, and utilization of data generated from instructional and assessment resources.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
New teachers will receive training on the use of scientific, research- based applications, report generation, data interpretation and utilization of data in the instructional process.	07/01/2014	06/30/2015	06/30/2015

Action Plan- Technology Deployment Data
FY 2015

FY 2015 Goal Title:
Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2014, 100.0 target.

Strategy 1			
Network infrastructure will be upgraded to support the utilization of online instructional resources, assessments, and local applications for instruction and learning.			
Activity 1	Start Date	End Date	Timeline
Maintain network connectivity between locations to the main datacenter at 1gbs, and 10gb to ISP for improved ability to stream video, meet online assessment needs, and access instructional resources.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Maintain internet access to 1gbs speed or higher to provide increased speeds to accomodate increased online assessments, both local, state, and national assessments, utilization of web 2.0 tools in instruction, and learning, as well as online resources.	07/01/2014	06/30/2015	06/30/2015
Activity 3	Start Date	End Date	Timeline
Maintain wireless network to include AP's in every classroom, to provide efficient network and internet access for the increase use of mobile devices, including many 1:1 classrooms.	07/01/2014	06/30/2015	06/30/2015

Activity 4	Start Date	End Date	Timeline
Maintain, and upgrade network video network components to accomodate streaming media and cable TV access to the classroom to provide rich media experiences in teaching and learning.	07/01/2014	06/30/2015	06/30/2015
Activity 5	Start Date	End Date	Timeline
Maintain UTM to provide network firewalling, network intrusion prevention and gateway antivirus (AV), gateway anti-spam, VPN, content filtering, load balancing, data leak prevention	07/01/2014	06/30/2015	06/30/2015

Strategy 2			
Renew licensing and subscriptions to online instructional resources, software applications, and assessments, used for instruction learning and assessments.			
Activity 1	Start Date	End Date	Timeline
Renew subscriptions i-Ready assessment and prescriptive software, Study Island, Learning A-Z, Raz Kids, Encylopedia Britannica.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Renew licensing for Skillsoft online Computer courseware, including Microsoft Word, Excel, PowerPoint, and Access, Internet Explorer, Adobe, Windows 7, Growing with Technology,	07/01/2014	06/30/2015	06/30/2015
Activity 3	Start Date	End Date	Timeline
Renew licensing for Gaggle Online Resources for all students. Gaggle provides email for students, as well as online storage of document, assignment dropbox, blogs, and internet safety courses.	07/01/2014	06/30/2015	06/30/2015
Activity 4	Start Date	End Date	Timeline
Renew website hosting licensing to provide students and parents with a portal for accessing online resources at school and home.	07/01/2014	06/30/2015	06/30/2015

Activity 5	Start Date	End Date	Timeline
Continue to provide online access to parents for student grades, homework activities, attendance, etc. through the PowerSchool Parent Portal.	07/01/2014	06/30/2015	06/30/2015
Activity 6	Start Date	End Date	Timeline
Maintain a student management system, that allows teachers to maintain courses, student rosters, gradebooks, and attendance, as well as run reports for student progress.	07/01/2014	06/30/2015	06/30/2015
Activity 7	Start Date	End Date	Timeline
Continue to maintain UltraKey Typing Software for typing instruction, drill and practices to increase students use and speed of keyboarding to improve use of technology for learning.	07/01/2014	06/30/2015	06/30/2015
Activity 8	Start Date	End Date	Timeline
Continue to provide email accounts to teachers for communication with students, parents, and other stakeholders.	07/01/2014	06/30/2015	06/30/2015

Strategy 3			
Upgrade older computers, and increase the number mobile devices to provide increased opportunities to access to applications, both local, and online, as well as online instructional resources, and assessments.			
Activity 1	Start Date	End Date	Timeline
Research, recommend and deploy at least 25 computers in two school computer labs, and printers.	07/01/2014	06/30/2015	06/30/2015
Activity 2	Start Date	End Date	Timeline
Research, recommend and deploy mobile devices for all 7 grade students, to provide a 1:1 computing environmet.	07/01/2014	06/30/2015	06/30/2015

Activity 3	Start Date	End Date	Timeline
Purchase and deploy document cameras for all 4th and 5th grade teachers.	07/01/2014	06/30/2015	06/30/2015

Action Plan - Goals, Strategies, and Activities
FY 2016

FY 2016 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2015, 100.00% target.

Action Plan- Instruction
FY 2016

FY 2016 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2015, 100.00% target.

Strategy 1

Students will use scientific, researched based instructional interventions and appropriate technology, to increase student achievement in reading.

Activity 1	Start Date	End Date	Timeline
Students in grades K-8, will be assessed at least two times each year using MAP Assessments.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
Students in grades K-3 will be assessed three times each year using AIMSweb assessment.	07/01/2015	06/30/2016	06/30/2016
Activity 3	Start Date	End Date	Timeline
Students in grades K-8, will utilize i-Ready to increase reading concepts and skills.	07/01/2015	06/30/2016	06/30/2016

Strategy 2

Students will receive computer application, typing instruction, drill and practice to increase efficiency and effective usage of technology in the learning process

Activity 1	Start Date	End Date	Timeline
6th, 7th & 8th grade students will utilize various on-line technology courses in an effort to increase usage and integration of technology skills within the	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
Students in grades K-8th grade will learn and utilize UltraKey Typing software to build and improve keyboarding proficiency to enhance the usage of technology in the learning process.	07/01/2015	06/30/2016	06/30/2016
Activity 3	Start Date	End Date	Timeline
75% of 6th-8th grade students will utilize email (Gaggle) as means of communication to support and enhance the learning process	07/01/2015	06/30/2016	06/30/2016
Activity 4	Start Date	End Date	Timeline
Students will continue to use on-line instructional resources and software in efforts to increase and support an understanding of reading strategies and concepts, conducting research, practice and progress monitoring of those strategies and concepts. Resources include Study Island, Learning A-Z, Raz Kids, Encyclopedia Britannica, etc.)	07/01/2015	06/30/2016	06/30/2016

Strategy 3			
Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.			
Activity 1	Start Date	End Date	Timeline
Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
New teachers will receive training on the use of scientific, research- based applications, report generation, data interpretation and utilization of data in the instructional process.	07/01/2015	06/30/2016	06/30/2016

FY 2016 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2015, 100.00% target.

Strategy 1

The district will continue its professional development program focusing on on-line resource integration in instruction utilizing technology to support student learning.

Activity 1	Start Date	End Date	Timeline
At least 25 staff members trained to serve as on-site trainers for staff on effective integration of on-line resources into lessons for improved student	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
Conduct annual District Literacy & Math Conference which includes technology integration workshops designed to showcase talents of district teachers and staff.	07/01/2015	06/30/2016	06/30/2016
Activity 3	Start Date	End Date	Timeline
Continued training for 100% of district staff on the effective use and integration of on-line resources into daily lessons focused on improvement of student achievement.	07/01/2015	06/30/2016	06/30/2016

Strategy 2

Students will continue to enhance their ability to use technology to construct, design, and develop products and communicate ideas which supports and improves reading strategies and skills.

Activity 1	Start Date	End Date	Timeline
Students in grades K-8th will use various applications and multi-media software such as Word, Powerpoint, Excel, Publisher, Movie-Maker, Photo-shop, etc. to design and develop products that communicate an understanding of identified reading strategies and skills.			
Activity 2	Start Date	End Date	Timeline
New teachers and support staff will receive training in the use and development of new and innovative technology available and implemented within the district.			

Activity 3	Start Date	End Date	Timeline
New teachers and support staff will receive training in the use and development of new and innovative technology available and implemented within the district.	07/01/2015	06/30/2016	06/30/2016
Activity 4	Start Date	End Date	Timeline
Teachers will attend off-site workshops and conferences to increase and enhance their knowledge and strategies for the integration and implementation of technology in the curriculum.	07/01/2015	06/30/2016	06/30/2016
Activity 5	Start Date	End Date	Timeline
Classroom teachers designated as ETT2& 1:1 laptop recipients will continue to receive on-going training and support to increase skills and overall effectiveness of integration of technology into lessons to increase and enhance reading achievement.	07/01/2015	06/30/2016	06/30/2016
Activity 6	Start Date	End Date	Timeline
Teachers will receive ongoing training for effective use of interactive projectors, whiteboard technology, IPEVO, ELMO training for integration into lesson plans and the instructional process.	07/01/2015	06/30/2016	06/30/2016

Strategy 3			
Evaluate and provide professional development activities requiring report generation, interpretation and utilization of data generated from scientific, research-based applications and programs.			
Activity 1	Start Date	End Date	Timeline
Teachers will receive ongoing training and support in the creation of reports, interpretation, and utilization of data generated from instructional and assessment resources.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
New teachers will receive training on the use of scientific, research-based applications, report generation, data interpretation and utilization of data in the instructional process.	07/01/2015	06/30/2016	06/30/2016

FY 2016 Goal Title:

Objective 1: To increase the number of students meeting and exceeding standards in reading and math on the ISAT by 5% each year from current 2015, 100.00% target.

Strategy 1

Network infrastructure will be upgraded to support the utilization of online instructional resources, assessments, and local applications for instruction and learning.

Activity 1	Start Date	End Date	Timeline
Upgrade network connectivity between locations to the main datacenter to 1gbs, and 10gb to ISP for improved ability to stream video, meet online assessment needs, and access instructional resources.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
Upgrade internet access to 1gbs speed to provide increased speeds to accomodate increased online assessments, both local, state, and national assessments, utilization of web 2.0 tools in instruction, and learning, as well as online resources.	07/01/2015	06/30/2016	06/30/2016
Activity 3	Start Date	End Date	Timeline
Upgrade wireless network to include AP's in every classroom, to provide efficient network and internet access for the increase use of mobile devices, including many 1:1 classrooms.	07/01/2015	06/30/2016	06/30/2016
Activity 4	Start Date	End Date	Timeline
Maintain, and upgrade network video network components to accomodate streaming media and cable TV access to the classroom to provide rich media experiences in teaching and learning.	07/01/2015	06/30/2016	06/30/2016
Activity 5	Start Date	End Date	Timeline
Maintain UTM to provide network firewalling, network intrusion prevention and gateway antivirus (AV), gateway anti-spam, VPN, content filtering, load balancing, data leak prevention	07/01/2015	06/30/2016	06/30/2016

Strategy 2

Renew licensing and subscriptions to online instructional resources, software applications, and assessments, used for instruction learning and assessments.

Activity 1	Start Date	End Date	Timeline
Renew subscriptions i-Ready assessment and prescriptive software, Study Island, Learning A-Z, Raz Kids, Encyclopedia Britannica.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
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Activity 4	Start Date	End Date	Timeline
Renew website hosting licensing to provide students and parents with a portal for accessing online resources at school and home.	07/01/2015	06/30/2016	06/30/2016
Activity 5	Start Date	End Date	Timeline
Continue to provide online access to parents for student grades, homework activities, attendance, etc. through the PowerSchool Parent Portal.	07/01/2015	06/30/2016	06/30/2016
Activity 6	Start Date	End Date	Timeline
Continue to maintain UltraKey Typing Software for typing instruction, drill and practices to increase students use and speed of keyboarding to improve use of technology for learning.	07/01/2015	06/30/2016	06/30/2016
Activity 7	Start Date	End Date	Timeline
Continue to provide email accounts to teachers for communication with students, parents, and other stakeholders.	07/01/2015	06/30/2016	06/30/2016

Strategy 3

Upgrade older computers, and increase the number mobile devices to provide increased opportunities to access to applications, both local, and online, as well as online instructional resources, and assessments

Activity 1	Start Date	End Date	Timeline
Research, recommend and deploy at least 25 computers in two school computer labs, and printers.	07/01/2015	06/30/2016	06/30/2016
Activity 2	Start Date	End Date	Timeline
Research, recommend, purchase and/or deploy mobile devices for all 6th grade students, to provide a 1:1 computing environmet.	07/01/2015	06/30/2016	06/30/2016
Activity 3	Start Date	End Date	Timeline
Purchase and deploye document cameras to all K-2nd grade teachers.	07/01/2015	06/30/2016	06/30/2016

Action Plan - Monitoring and Evaluation
FY 2014

Monitoring - The District Technology Plan should outline a forward-looking evaluation process for future implementation measures that compensate or adjust to changing conditions which might occur beyond the life of the plan.

1. Monitoring Description: Describe how district personnel will monitor the effectiveness of strategies and activities toward the achievement of the goals.

District Administration will monitor the effectiveness of strategies and activities toward the achievement of the goals through the following methods and processes:

1. Weekly monitoring of electronic lesson plans which will outline the instructional plan for students meeting targets in reading and math assessments.
2. weekly classroom observations of instructional practices focused on students meeting targets in reading and math on district assessments.
3. Annual assessment of students' achievement through assessment of teacher practice with use of teacher evaluations.
4. Monthly monitoring of staff attendance at technology sessions focused on increasing integration of technology into curriculum and instruction.
5. On-going sign- in sheets and registrations for professional development training. An increase in student achievement in reading and math as evidenced by district assessment results.
6. Monthly server usage availability reports to monitor network uptime.
7. Annual E-Rate reimbursements.
8. Monthly monitoring of usage reports from on-line resources, increasing student achievement in reading and math by utilizing the myriad of resources available.
9. Annual maintenance oc contracats with service providers, which allows access to resources and network systems.

2. Monitoring Process

FY 2014	Monitoring Tools	Progress Indicators	Evaluation Frequency	Person (s) Responsible
Instruction	Electronic Lesson Plans, ISAT	100% of teaching staff will complete lesson plans. 5% increase in reading and math scores.	Weekly monitoring	Director of Curriculum, Instruction & Technology
Professional Development	Staff surveys, MAP, I-Ready	5% increase in reading and math scores on local and state assessments. 50% of teaching staff integrating technology into daily instructional lessons.	Ongoing	principals, Director of Curriculum, Instruction & Technology

Technology Data	Server usage availability reports, E-Rate reimbursement. Maintain contracts with service providers.	98% server and network uptime. 90% reimbursements from E-Rate. 100% execution of yearly contracts.	Monthly monitoring of servers and network, annual renewals	Manager of Technology/Director of Curriculum, Instruction & Technology
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3. Children's Internet Protection Act - Provide Board Policy Information here:

Date Approved	Policy # [6 characters]
03/19/2012	6:235

Action Plan - Monitoring and Evaluation
FY 2015

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2. Monitoring Process

FY 2015	Monitoring Tools	Progress Indicators	Evaluation Frequency	Person (s) Responsible
Instruction	Electronic Lesson Plans, ISAT 100% of teaching staff will complete lesson plans. 5% increase in reading and math scores. Weekly monitoring Director of Curriculum, Instruction & Technology	100% of teaching staff will complete lesson plans. 5% increase in reading and math scores.	Weekly monitoring	Director of Curriculum, Instruction & Technology
Professional Development	Staff surveys, MAP, I-Ready Assessments	5% increase in reading and math	Ongoing	Principals, Director of CIT
Technology Data	Server usage availability	98% server and network uptime. 90% reimbursements from E-Rate. 100% execution of yearly contracts.	Monthly monitoring of servers and network, annual renewals	Manager of Technology, Director of CIT

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Professional Development	Staff surveys, MAP, I-Ready Assessments	5% increase in reading and math	Ongoing	Principals, Director Of CIT
Technology Data	Server usage availability	98% server and network 90% reimbursements from E-Rate	Monthly monitoring of servers and network	Manager of Technology, Director of CIT

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Date Approved	Policy # [6 characters]
03/19/2012	6:235

ISBE Approval

District Name: Prairie-Hills ESD 144

RCDT #: 070161440020000

Original Submission

ISBE Approval Date: 04/09/2013

School Years Covered by Plan:

Plan Expiration Date: 06/30/2016

2014 2015 2016

Section Used for Mid-Course Correction Only

Mid-Course Correction (MCC)

Date of Annual Review Leading to MCC:

Approval Date of MCC:

Preliminary Information

Requirements

All required identifying district information is complete.

Meets Does Not Meet

Comments:

District Data

Requirements

- District Information
- Report Card Data
- Local Assessments
- Technology Data

Meets Does Not Meet

Comments:

Action Plan

Requirements

Overall Review of Action Plan

- Goals
- Strategies and Activities
- Budget

Meets Does Not Meet

Comments:

Instruction Strategies and Activities

Meets Does Not Meet

Comments:

Professional Development Strategies and Activities

Meets Does Not Meet

Comments:

Technology Deployment Strategies and Activities

Meets Does Not Meet

Comments:

Monitoring and Evaluation

Requirements

- Monitoring Description
- Monitoring Process
- Internet Safety Policy

Meets Does Not Meet

Comments:

ISBE Review

Approved Revisions Needed Not Approved

Comments:

4/9/2013 JWalsh: The Illinois State Board of Education (ISBE) hereby approves your technology plan.