

# Annual Report on Curriculum, Instruction and Student Achievement



## Welcome to Deer River Schools!

Deer River is located in north central Minnesota next to the Leech Lake Indian Reservation and the Chippewa National Forest in the City of Deer River. The district has two schools: King School and Deer River High School. Deer River has approximately 947 students (2007-08SY) with close to 31% being of American Indian descent. These numbers constantly change because of the mobility of students within our area. The economy of the area is based largely on tourism and the forest industry with Grand Rapids area businesses, Leech Lake Gaming, and health care industries being other major employers.

In addition to a focus on research-based, high quality instruction during the school day, Deer River Schools has made it a priority to provide quality extended school day programming options to the students. After school and summer school programs focus on building reading and math skills as well as providing students with opportunities to learn science through hands-on experiences.

King Elementary serves students in grades pre-kindergarten through 6th grade and qualifies for School-wide Title I assistance. King School participated in the Reading First grant from 2002-2006 and has built a strong foundation for literacy instruction among staff. Teachers continue to maintain professional growth efforts through monthly professional study groups which keep them abreast of the

latest research and best practices in literacy. Teachers and administration meet regularly in grade level meetings to review student data, differentiate instruction for students, and monitor student progress. Additionally, a team of King teachers are attending Cognitively Guided Instruction (CGI) math training throughout this school year in an effort to improve math instruction across all grade levels.

The staff and students at Deer River High School (DRHS) have worked hard the past few years to build a safe, caring and welcoming environment in which all cultures, races and learners are accepted. Additionally, rigor is a mainstay for all students at DRHS. Advance Placement classes in Calculus and English challenge students at the college level and allow students to test for college credit. Project Lead the Way pre-engineering courses create a career pathway for students to prepare them for a post-secondary engineering major, with DRHS teachers receiving mentoring from Itasca Community College (ICC) engineering professors. Most 7th and 8th graders have the opportunity to take Gateway classes as an experiential class in engineering. Senior high students can also earn college credit through Mesabi Range Community and Technical College in carpentry and welding. DRHS collaborates with ICC in a nursing assistant program, Introduction to Natural Resources and Global Information Systems is in the works.

### ISD #317

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Superintendent

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## District Mission Statement and School Board Goals

### Mission Statement

Dedicated to develop life-long learners prepared to succeed in an ever-changing world.

### School Board Goals

#### Highest Student Achievement

- ✓ Develop and implement a collaborative system of out of school programming to meet the educational, social, emotional, and physical needs of students
- ✓ Improve and increase the opportunities for gifted and talented students
- ✓ Close achievement gaps based on race and economic status
- ✓ Improve math and reading proficiency for all cohorts on the 2010 MCAs
- ✓ Continue to develop and implement a program to deliver post-secondary experiences and information to students

#### Safe, Welcoming, Trusting Environment

- ✓ Develop and implement a system of measuring morale/job satisfaction for all staff
- ✓ Improve building safety at the front entrance of both schools
- ✓ Publicly recognize at least 3 people during the 2009-2010 school year for their contribution to Deer River Public Schools

#### Effective and Efficient Systems

- ✓ Successfully implement new technology initiatives
- ✓ Successfully implement new data warehouse tool
- ✓ Continue to investigate facility needs
- ✓ Communicate the mission, vision, values and goals of the School District to the staff and community

#### Partnerships

- ✓ Develop and implement a system of teacher/home communication that is timely, regular, positive, and supportive
- ✓ Develop and enhance partnerships with surrounding districts and entities that promote educational opportunities for students
- ✓ Communicate with the public formally no less than one time per month

## District Leadership Team

Matt Grose, Superintendent  
 Brent Colligan, Deer River School Principal  
 Amy Galatz, King Elementary Principal  
 Janet Florine, Literacy Coach  
 Gerald White, Indian Education  
 Jessica Felosi, High School Teacher  
 Jim Taylor, Special Education Teacher  
 Polly Sheppard, High School Teacher  
 Matt Carlstrom, High School Teacher  
 Yvonne Wilson, Elementary Teacher  
 Yvonne Daigle, Elementary Teacher  
 Kim Dolensek, Special Education  
 Lisa Box, Elementary Teacher  
 Deanna Hron, Elementary Teacher  
 Mary Kalar, Elementary Teacher  
 Robert Bourman, Parent  
 Bobbi Jo Hemphill, Parent

## Graduation Requirements

### **Class of 2010 and beyond (47 credits required)**

#### English – 8 credits

English 9 (2)  
 Composition I (1)  
 Writing / Grammar (1)  
 Literature (2)  
 Speech (1)  
 Open English elective (1)

#### Social – 7 credits

US Government (2)  
 American History (2)  
 World History (2)  
 World Geography (1)

#### Mathematics – 6 credits

#### Science – 6 credits

Biology (2)  
 Physical Science (2)  
 Open Science elective (2)

#### Physical Education – 2 credits

#### Health – 1 credit

#### Computer – 1 credit

#### Fine Arts – 2 credits

#### Elective Credits – 14 credits\*\*

\*\*Money Matters is required for 2011 graduating class

## Community Feedback

An important priority for Deer River Schools is seeking feedback from our community. ISD 317 obtains feedback in a variety of ways in order to hear from students, families and other community members.

Each year King School conducts parent surveys as part of Title I requirements. These survey results help King School to identify strengths as well as areas to focus on for growth for educational programming. In fall 2008-09, results showed very positive feedback from parents. King School received high marks (over 90% positive) from parents in the following areas: communication, learning at home, quality education and connection to school.

Deer River High School surveyed the graduating class of 2009 as a means to measure school climate, career development, preparation for post-secondary and connectedness. This group of seniors did not receive much of the programming that has been put in place with younger classes in regards to career pathways (planning classes around a future career), the Minnesota Career Information System (MCIS), Future Workers (9th grade students visiting businesses) and CEOs in the Classroom (8th grade classes are visited by business leaders). The responses of the class of 2009 will serve as a baseline as the younger students get older and receive more career planning. 49 of the 61 respondents planned to attend a two or four year school and nine were going to pursue a certificate or license that requires less than a two year degree. A set of questions asked seniors if they felt prepared for a post-secondary experience in the areas of math and English based upon classes seniors took at DRHS. Of the 61 respondents, 54 were either fairly confident, very confident or extremely confident. Several of the questions were designed to help DRHS to improve service in assisting seniors and their parents with college applications, financial aid forms, scholarships, ACT/PSAT/SAT test preparation and increasing career and vocational knowledge. The survey produced some very good information that will allow DRHS to set goals to improve service in this area. Increasing communication and accessibility will be a key component in this area.

In the spring of 2009, the Deer River School District partnered with Bemidji State University to do a community survey that provided information as a follow-up to a similar survey completed in the spring of 2004. The survey, which was done via phone, asked the community's perception of the district's financial management, engagement with the community, effectiveness, and responsiveness. Overall, results were positive, showing growth in many areas.

## Staff Development

In 2009-2010, Deer River implemented a staff development survey to evaluate the effectiveness of the program. As a whole, the results were quite positive concerning the districts staff development emphasis on differentiated instruction and supporting teachers in developing reading strategies across curriculums. The staff felt that the early out staff development times were significantly more effective than the late starts, although there needed to be better long term planning for them.

Deer River staff attended many forms of staff development and trainings. Social Studies teachers attended many trainings as they began participating in the History Day project. 7th grade teachers attended the Minnesota Middle School State Conference in December. High School Science teachers assisted elementary teachers in developing their science curriculum and hands on experiments. Many teacher across grade levels and curricular areas attended training on differentiated instruction. The elementary continued Response to Intervention (RTI) training. Deer River continues to implement study groups and is working towards improving our professional learning communities.

In conclusion, Deer River staff continue make effective use of staff development to further their professional development to become more effective within the classroom.

### District Curriculum Cycle

ISD 317 is a member district of the Itasca Area Schools Collaborative (IASC). As part of IASC, Deer River staff are able to work collaboratively with other member districts in professional development, curriculum and assessment through content and grade level meetings. ISD 317 uses the following guide for review of content curriculum for each of the six review years.

|                            | 2007-2008   | 2008-2009      | 2009-2010        | 2010-2011             | 2011-2012 | 2012-2013 | 2013-2014 | 2014-2015 |
|----------------------------|-------------|----------------|------------------|-----------------------|-----------|-----------|-----------|-----------|
| <i>State Review</i>        | <i>Arts</i> | <i>Science</i> | <i>Lang Arts</i> | <i>Social Studies</i> |           |           |           |           |
| Language Arts (Elem) (Sec) |             | 6<br>3         | 1<br>4           | 2/3<br>4              | 3/4<br>5  | 5<br>5    | 6<br>6    | 1<br>3    |
| Math (Elem) (Sec)          |             | 3<br>6         | 4<br>1           | 4<br>2                | 5<br>3    | 5<br>4    | 6<br>5    | 6<br>6    |
| Science                    |             | 6              | 1                | 2                     | 3         | 4         | 5         | 6         |
| Social Studies             |             | 4              | 5                | 6                     | 1         | 2         | 3         | 4         |
| Phy Ed & Health            | 1           | 2              | 3                | 4                     | 5         | 6         | 1         | 2         |
| Business Ed                | 2           | 3              | 4                | 5                     | 6         | 1         | 2         | 3         |
| Tech Ed                    |             | 6              | 1                | 2                     | 3         | 4         | 5         | 6         |
| Fine Arts & Music          |             | 1              | 2                | 3                     | 4         | 5         | 6         | 1         |
| FACS                       | 1           | 2              | 3                | 4                     | 5         | 6         | 1         | 2         |
| World Lang.                |             |                |                  | 6                     | 1         | 2         | 3         | 4         |

- Year 1: Research and Data Collection
- Year 2: Align, Design, Identity
- Year 3: Implementation, Staff Development
- Year 4: Evaluate Effectiveness
- Year 5: Monitor and Adjust
- Year 6: Monitor, Evaluate, Survey

### Assessment-Local

Deer River Schools utilizes a wide variety of assessments used to guide curriculum and instruction for individual students. Additionally, these assessments are often a predictors of student performance on the Minnesota Comprehensive Assessments (MCAs) and can be used to monitor student progress.

| Assessment Name                    | Areas Assessed  | Grades Administered | Purpose of Assessment   |
|------------------------------------|-----------------|---------------------|---|
| MAP: Measures of Academic Progress | Reading<br>Math | Grades 2-10         | This test shows how well students are performing using national norms. It helps to inform the teachers and students of strengths and weaknesses so instruction can be adjusted accordingly. |
| AIMSweb                            | Reading         | Grades K-6          | These Universal Benchmarks are given in the Fall, Winter and Spring. We use these benchmarks to help identify students that may need additional instruction in reading.                     |
| Reading Renaissance STAR           | Reading         | Grades 1-8          | STAR is a computerized quiz that helps to identify reading levels so teachers can set goals for independent reading programs like Accelerated Reading.                                      |
| Rigby Benchmarks                   | Reading         | Grade K-3           | Running Records that are given at various times to identify instructional reading levels, miscue analysis and comprehension.  |

### Assessment-State

The Minnesota Comprehensive Assessments (MCAs) are the state tests that help districts measure student progress toward Minnesota's academic standards and meet the requirements of No Child Left Behind. The reading and mathematics tests are used to determine whether schools and districts have made adequate yearly progress (AYP) toward all students being proficient in 2014. Science is required for No Child Left Behind but is not included in AYP calculations at this time. Reading and mathematics tests are given in grades 3-8, 10 and 11. Science tests are given in grades 5 and 8 and once in high school, depending on when students complete their life sciences curriculum. Making Adequate Yearly Progress depends on schools and school districts achieving annual proficiency targets on state reading and math tests. Deer River schools is currently making AYP in all subgroups as measured by Spring 2009 MCA scores. It is the goal of the Deer River School District to be at or above the Minnesota Reading & Math AYP Target Proficiency Projections as indicated by the following tables:

| Reading         |       |       |       |       |       |       |      | Math            |       |       |       |       |       |       |      |
|-----------------|-------|-------|-------|-------|-------|-------|------|-----------------|-------|-------|-------|-------|-------|-------|------|
|                 | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014 |                 | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014 |
| <b>Grade 3</b>  | 79.2% | 80.2% | 84.1% | 88.1% | 92.1% | 96.0% | 100% | <b>Grade 3</b>  | 82.0% | 85.0% | 88.0% | 91.0% | 94.0% | 97.0% | 100% |
| <b>Grade 4</b>  | 73.8% | 78.2% | 82.6% | 86.9% | 91.3% | 95.6% | 100% | <b>Grade 4</b>  | 74.0% | 78.3% | 82.7% | 87.0% | 91.3% | 95.7% | 100% |
| <b>Grade 5</b>  | 75.9% | 80.0% | 84.0% | 88.0% | 92.0% | 96.0% | 100% | <b>Grade 5</b>  | 65.5% | 71.3% | 77.0% | 82.8% | 88.5% | 94.3% | 100% |
| <b>Grade 6</b>  | 74.5% | 78.8% | 83.0% | 87.3% | 91.5% | 95.8% | 100% | <b>Grade 6</b>  | 65.6% | 71.4% | 77.1% | 82.8% | 88.5% | 94.3% | 100% |
| <b>Grade 7</b>  | 70.5% | 75.5% | 80.4% | 85.3% | 90.2% | 95.1% | 100% | <b>Grade 7</b>  | 64.7% | 70.6% | 76.5% | 82.3% | 88.2% | 94.1% | 100% |
| <b>Grade 8</b>  | 69.2% | 74.3% | 79.5% | 84.6% | 89.7% | 94.9% | 100% | <b>Grade 8</b>  | 64.3% | 70.3% | 76.2% | 82.2% | 88.1% | 94.1% | 100% |
| <b>Grade 10</b> | 69.8% | 74.8% | 79.9% | 84.9% | 89.9% | 95.0% | 100% | <b>Grade 11</b> | 38.4% | 48.8% | 58.9% | 69.2% | 79.5% | 88.75 | 100% |

## Assessment-State

### MCA II Math -

#### District Compared with State - Proficiency Percentages

Grade 3

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 31.6    | 42.1  | 21.1            | 5.3           |
|      | State      | 38.2    | 43.9  | 13.7            | 4.2           |
| 2008 | Deer River | 27.6    | 63.8  | 8.6             | 0.0           |
|      | State      | 35.3    | 46.1  | 13.7            | 4.9           |
| 2007 | Deer River | 14.0    | 59.6  | 21.1            | 5.3           |
|      | State      | 34.3    | 45.0  | 15.4            | 5.3           |

Grade 4

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 15.4    | 55.4  | 21.5            | 7.7           |
|      | State      | 30.2    | 44.6  | 17.1            | 8.0           |
| 2008 | Deer River | 25.9    | 43.1  | 24.1            | 6.9           |
|      | State      | 31.1    | 40.5  | 18.4            | 9.9           |
| 2007 | Deer River | 27.0    | 36.5  | 27.0            | 9.5           |
|      | State      | 31.6    | 39.3  | 19.8            | 9.4           |

Grade 5

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 20.0    | 53.3  | 18.3            | 8.3           |
|      | State      | 30.3    | 35.2  | 20.3            | 14.3          |
| 2008 | Deer River | 20.6    | 36.8  | 33.8            | 8.8           |
|      | State      | 25.6    | 40.4  | 19.3            | 14.7          |
| 2007 | Deer River | 0.0     | 39.7  | 39.7            | 20.7          |
|      | State      | 29.0    | 34.2  | 21.5            | 15.3          |

Grade 6

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 29.2    | 61.5  | 6.2             | 3.1           |
|      | State      | 21.5    | 42.2  | 21.0            | 15.2          |
| 2008 | Deer River | 19.0    | 41.3  | 28.6            | 11.1          |
|      | State      | 20.5    | 44.1  | 21.5            | 13.8          |
| 2007 | Deer River | 18.3    | 53.5  | 21.1            | 7.0           |
|      | State      | 21.9    | 41.1  | 21.1            | 15.9          |

Grade 7

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 9.5     | 57.1  | 25.4            | 7.9           |
|      | State      | 20.9    | 41.7  | 21.5            | 15.9          |
| 2008 | Deer River | 34.3    | 34.3  | 11.4            | 7.1           |
|      | State      | 21.4    | 40.0  | 22.3            | 16.3          |
| 2007 | Deer River | 18.8    | 47.5  | 12.5            | 21.3          |
|      | State      | 22.9    | 38.6  | 20.6            | 18.0          |

Grade 8

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 25.8    | 59.7  | 8.1             | 6.5           |
|      | State      | 21.2    | 38.4  | 22.0            | 18.3          |
| 2008 | Deer River | 10.3    | 51.3  | 10.3            | 28.2          |
|      | State      | 22.3    | 35.9  | 20.6            | 21.2          |
| 2007 | Deer River | 18.8    | 51.2  | 20.0            | 10.0          |
|      | State      | 19.3    | 39.4  | 21.0            | 20.3          |

Grade 11

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 18.1    | 27.8  | 26.4            | 27.8          |
|      | State      | 17.7    | 23.9  | 22.0            | 36.4          |
| 2008 | Deer River | 2.6     | 20.8  | 26.0            | 50.6          |
|      | State      | 13.9    | 20.4  | 19.7            | 45.9          |
| 2007 | Deer River | 4.8     | 15.9  | 36.5            | 42.9          |
|      | State      | 11.9    | 20.3  | 20.6            | 47.2          |

**Assessment-State**

**MCA II Reading -**

**District Compared with State - Proficiency Percentages**

Grade 3

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 38.6    | 42.1  | 10.5            | 8.8           |
|      | State      | 50.5    | 27.9  | 10.5            | 11.2          |
| 2008 | Deer River | 63.8    | 13.8  | 17.2            | 5.2           |
|      | State      | 52.0    | 26.9  | 10.1            | 10.9          |
| 2007 | Deer River | 35.1    | 43.9  | 10.5            | 10.5          |
|      | State      | 48.9    | 30.7  | 9.3             | 11.2          |

Grade 4

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 18.5    | 38.5  | 24.6            | 18.5          |
|      | State      | 38.0    | 36.5  | 14.6            | 10.9          |
| 2008 | Deer River | 29.3    | 48.3  | 13.8            | 8.6           |
|      | State      | 38.7    | 33.5  | 15.5            | 12.2          |
| 2007 | Deer River | 29.7    | 32.4  | 18.9            | 18.9          |
|      | State      | 38.2    | 33.2  | 16.4            | 12.1          |

Grade 5

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 21.3    | 50.8  | 21.3            | 6.6           |
|      | State      | 28.7    | 43.5  | 17.6            | 10.1          |
| 2008 | Deer River | 29.0    | 36.2  | 18.8            | 15.9          |
|      | State      | 33.6    | 39.8  | 16.1            | 10.4          |
| 2007 | Deer River | 11.9    | 44.1  | 27.1            | 16.9          |
|      | State      | 33.0    | 40.2  | 15.5            | 11.3          |

Grade 6

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 33.8    | 30.8  | 24.6            | 10.8          |
|      | State      | 37.4    | 35.2  | 15.7            | 11.7          |
| 2008 | Deer River | 19.0    | 47.6  | 17.5            | 15.9          |
|      | State      | 37.4    | 32.2  | 17.3            | 13.1          |
| 2007 | Deer River | 25.0    | 45.8  | 23.6            | 5.6           |
|      | State      | 31.4    | 35.2  | 19.2            | 14.2          |

Grade 7

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 14.3    | 31.7  | 31.7            | 22.2          |
|      | State      | 37.5    | 27.3  | 19.6            | 15.8          |
| 2008 | Deer River | 30.0    | 32.9  | 22.9            | 14.3          |
|      | State      | 36.7    | 28.0  | 19.7            | 15.6          |
| 2007 | Deer River | 17.5    | 22.5  | 31.3            | 298.7         |
|      | State      | 31.9    | 31.3  | 20.5            | 16.4          |

Grade 8

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 28.6    | 38.1  | 25.4            | 7.9           |
|      | State      | 35.8    | 31.0  | 18.9            | 14.3          |
| 2008 | Deer River | 14.1    | 37.2  | 30.8            | 17.9          |
|      | State      | 34.9    | 30.8  | 19.3            | 15.0          |
| 2007 | Deer River | 28.7    | 37.5  | 22.5            | 11.3          |
|      | State      | 36.3    | 27.0  | 20.5            | 16.2          |

Grade 10

| Year | Entity     | Exceeds | Meets | Partially Meets | Does Not Meet |
|------|------------|---------|-------|-----------------|---------------|
| 2009 | Deer River | 34.7    | 49.3  | 9.3             | 6.7           |
|      | State      | 39.7    | 34.5  | 16.6            | 9.2           |
| 2008 | Deer River | 28.2    | 42.3  | 23.1            | 6.4           |
|      | State      | 36.1    | 34.6  | 19.0            | 10.3          |
| 2007 | Deer River | 17.7    | 38.5  | 20.8            | 22.9          |
|      | State      | 29.4    | 32.5  | 20.5            | 17.7          |