



LRSP Status Report – June 2011

1.02 BHS P+ Reading, Math, Writing & Science SR 2011

Strategic Objective (SO):

1.02 Proficient Plus (P+) goals will be determined in Math, Reading, Science and Writing based upon district and state assessments, with future development in other academic areas.

Department/School: Bozeman High School

Leader: Rob Watson

Team Members:

HS Administration, department chairs, curriculum department, BHS/BAP teaching staff

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In a year, we hope to see the following progress on this strategic objective: A larger percentage of students who achieve proficiency on the CRT. An increased percentage of students within the F/RL and Special Education subgroup who reach proficiency on the CRT. Development of targeted intervention strategies based on data gained from universal screeners.

PROGRESS SUMMARY

In comparing 2010 CRT scores with those from 2011, we did see a small increase in the total percentage of students scoring proficient or advanced in Reading Comprehension, but the percentage scoring proficient or advanced in Mathematics was essentially the same percentage as the previous year. For the past three years, we have had greater than 90% of our 10th grade students score proficient or advanced on the CRT Reading test and we have had about 75% of our 10th grade students score proficient or advanced on the CRT Math test.

In 2010, our school did not meet AYP benchmark scores for our student subgroups, specifically our economically disadvantaged and special education subgroups. During the past school year, we provided some targeted assistance for students in these subgroups. We continue to target those students who are not proficient in reading through our Read 180 targeted assistance program. In addition, we have started a credit recovery course for those students who have not shown proficiency in Math. While the majority of incoming 8th graders enter BHS ready to start Algebra, we knew that we had a small group who do not have the prerequisite skills to be successful in Algebra. The credit recovery program was designed to help students who were not proficient in pre-algebra skills. So far, this program has helped at least 20 students build math skills, while gaining credit towards graduation.

With regard to Science, there are several measures to consider. In 2011, 68% of our 10th grade students scored proficient or advanced on the CRT Science test. This percentage was the same as the percentage that scored proficient or advanced on the CRT Science test in 2010. In 2010, the composite ACT Science subtest was 23.2 for all BHS students taking the ACT college entrance exam. The benchmark score for the ACT Science subtest is 24. Forty-four percent of

BHS students met the ACT benchmark. (Students who meet the ACT benchmark have a 75% chance of obtaining a “C” or higher in the equivalent college course.) In 2010, 84% of BHS students who took an AP Science course scored a 3 or better on the AP exam. (A student who scores a 3 or better is generally granted college credit towards the equivalent college course.) In 2010, 148 science tests were given in the areas of Biology, Chemistry, and Physics.

With regard to writing there is no subtest score on Montana’s school-wide assessment, the MontCAS/CRT. However there are writing assessments on the ACT and SAT college entrance exams. In 2010, the composite ACT English Composition subtest score for BHS students was 23.7 as compared with a composite score of 21.3 for the State of Montana. The benchmark score for the ACT English Composition subtest is 18. Eighty-five percent of BHS students met the ACT benchmark score in the area of English Composition. In 2010, the mean score for all BHS students taking the SAT Writing subtest was 549. For all Montana students the mean writing score was 517 and for all students in the nation the mean writing score was 492.