

School Board Meeting:

June 24, 2013

Subject:

Spring MAP Results

Presenter:

Pam Miller

SUGGESTED SCHOOL BOARD ACTION:

Report only.

DESCRIPTION:

Background

With the board approval to begin using the *Performance Series* testing in the 2013-14 school year, our district has now completed its final year of NWEA's *Measures of Academic Progress* (MAP) testing. Students in Grades 2-8 were tested in reading and math during fall and spring testing windows. In addition, select students at BHS and PLC were tested for remediation identification. MAP test results are just one piece of standardized assessment data to determine the amount of student growth in reading and math on an annual basis, as well as over time.

MAP results provide us with data to analyze to aide in making programmatic decisions in reading and math. District analysis is considered through the following comparisons:

- BHM Schools vs. NWEA Norm Group
- Percentage of students meeting growth targets
- Average Growth Target Index

District personnel and site principals will analyze all district and site MAP data, along with other assessment data, to determine appropriate improvement strategies for the 2013-14 school year.

The BHM spring MAP results are once again very positive results when comparing to the NWEA norm group.

District MAP Analysis Summary

BHM Schools vs. NWEA Norm Group

In both reading and math, the spring results of all seven grade levels tested (Grades 2-8) show BHM students scoring significantly above the national norm. According to NWEA, a score that is statistically significant is one that is ± 3 RIT points as compared to the NWEA normative group.

Percentage of Students Meeting Growth Targets

In both reading and math, the percent of students meeting or exceeding their growth targets at **all** grade levels is at or above 55%, which NWEA considers to be "high-performing." The percentage of students meeting or exceeding their growth targets ranges from 55.3% to 66.4% in reading, and from 56.1% to 79.4% in math.

Average Growth Target Index

A more accurate reflection of academic growth in reading and math is to examine the mean growth by RIT scores, as well as the growth index at each grade level. The mean growth is the average number of RIT points gained by students at any given grade level. The growth index compares the average growth of the norm group with that of our district's students. For example, the mean growth of Grade 5 math students in the norm group is 8.0 RIT points. This year, the BHM Grade 5 math students grew 13.3 RIT points. This gives us a growth index of +5.3 (13.3-8.0). When comparing that growth index to the NWEA research of schools nationwide, this places us at the 99th percentile.

The district goal is to be at the 90th percentile at all grade levels in both reading and math. While we did not meet this goal, our student growth in reading and math is very positive and is definitely worthy of celebration overall.

Any and all positive growth target index rates indicate a growth rate higher than that of peers nationwide. As we examine the BHM data, we recognize positive growth index rates at all grade levels in reading. Looking at math, we see positive growth index rates at all grade levels with the exception of 6th grade. In both reading and math you may note there are some sites that display negative growth index data. In each year's spring data, different sites and different grade levels display negative growth index data, so this is common and is not a trend at any particular grade level or a particular site. This does not indicate lack of growth in reading and math at those particular grades and sites – this is a comparison of the amount of growth to other peer groups nationwide.

Next Steps

The administrative team has not yet had an opportunity to discuss the spring results, but will have the opportunity to do so this summer. In August, site leadership teams will further analyze the results along with MCA assessment data and other site assessment data gathered throughout the previous school year to determine areas of focus for instruction in 2013-14.

Attachments:

MAP Reading & Math Strand/Growth/Target Report 2012-2013