

NECAP Interventions

BMS Science

Grade 8 NECAP Overview

- BMS
 - 69% of students proficient or better
 - Highest percentage in state
 - Of the students in the state who scored proficient with distinction, 22% were from BMS
- State
 - 25% of students proficient or better

Intervention Categories

- Proactive
 - Take place throughout the year
 - Some of these strategies were implemented before the NECAP existed
- Reactive
 - Occurred in response to NECAP scores and the subsequent disaggregation and analysis of data.

Proactive

- Curriculum Alignment
- Formative Assessments
- Differentiated Instruction
- “Ramp Up” Sessions
 - Within the cluster
 - Cross-cluster
- Common Quarterly, Mid-Year, and Final Assessments of Knowledge

Curriculum Alignments

- Aligned to Rhode Island Science Grade Span Expectations
 - Crosswalked
 - Revised

Formative Assessments

- End of four-week period
 - 10 multiple choice questions based on the content the student should have mastered during that time
 - Teachers gather, analyze and discuss data.
 - Teachers devise a plan.

Formative Assessments

- During the four-week period
 - Ongoing check-ins
 - Used to assess student understanding more frequently
 - Used to drive instruction
 - Examples
 - 3-2-1 Liftoff
 - Quick writes
 - Student conferences
 - Exit Cards

Differentiated Instruction (DI)

- Data-based (from formatives) approach to accommodate a variety of learners during the same class period
- Two lessons teaching the same content and/or skills run simultaneously
 - Students who showed proficiency with the content and/or skill
 - Students not yet proficient

“Ramp Up”

- In addition to DI, students who do not show proficiency on formative and/or summative assessments take part in Ramp Up sessions.
 - Designed to provide students with focused instruction in small group or individual setting.
 - Take place during class, after school, or during our FAST period.
 - Cluster or cross cluster?

Common Assessments

- 1st Quarter
- Mid-Year
- 3rd Quarter
- Final Assessment of Learning
- Spiral

Reactive

- Trend analysis
- Teacher classroom visitations
- Analysis and integration of NECAP-style constructed response

Trend Analysis

- Analyzed our NECAP scores by:
 - Cluster
 - Middle school path
- Identified trends in the data

Teacher Classroom Visitations

- Teachers visit each other's classrooms
 - See different teaching strategies
 - See students performing at different grade levels
 - Provides a benchmark to assess one's own teaching

Analysis and Integration of NECAP Style

- Look at released items to see how our students are answering.
- Look at released items and integrate the released tasks into our curriculum.
- Develop NECAP-like constructed responses that are then integrated into our everyday lessons and assessments.