Bitburg Elementary School

School Improvement Plan

Goal One

By June 2012, there will be a 2-5% increase in student performance on targeted literacy skills as measured by *Terra Nova, Third Edition* Reading and Language Arts subtests and school-based assessments. The targeted skills are reading fluently, using researched explicit comprehension strategies, and communicating thinking. The increase in performance will be attained through instructional interventions implemented in all curricular areas.

Interventions:

1. Fluency
   - Word Work
   - Multiple opportunities for re-reading
2. Comprehension
   - Strategies That Work
     - ❖ Making Connections
     - ❖ Questioning
     - ❖ Visualizing
     - ❖ Inferring
     - ❖ Determining Importance
     - ❖ Synthesizing
   - Communication
     - ❖ Interactive writing (K-1)
     - ❖ Journaling/learning logs/blogging (2-4)
     - ❖ 6 + 1 Traits of Writing

Targeted Subgroup:

- Students scoring in the third and fourth quarters of the *Terra Nova, Third Edition*

Goal Two

By June 2012, there will be a 2-5% increase in student performance on targeted problem solving skills as measured by Terra Nova, Third Edition Mathematics subtest and school-based assessments. The targeted skills are using problem solving strategies to analyze, evaluate, and justify solutions. The increase in performance will be attained through instructional interventions implemented in all curricular areas.

Interventions:

1. Questioning Techniques to guide solving problems
   - Collaborative questions to make sense of a problem
   - Self-clarifying questions
   - Reasoning Questions
   - Conjecture/speculative questions
   - Connecting questions
2. Communicating thinking in order to analyze, evaluate, and justify solutions
   - 60-Minutes dedicated daily to balanced math activities such as
     - ❖ Using literature in math instruction
     - ❖ Writing
       - ▪ Interactive Writing (K-1)
       - ▪ Journaling/Blogging (2-4)
     - ❖ Manipulative math lab
     - ❖ Problem solving across content strands
     - ❖ Vocabulary-explicit teaching
     - ❖ Basic math skills
     - ❖ Discussion (class, peer to peer, etc. . .)

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- Students identified as scoring partial mastery on the DRA2 in 3rd and 4th grades
  - ❖ Interventions for targeted subgroups
    - READ 180
    - 3rd Grade Mentorship
    - Student Support Team
    - Reading Club

Assessments:

- *TerraNova, Third Edition*, Reading subtest (Grades: 3-4)
  - ❖ **Administered: March**
- *TerraNova, Third Edition,* Language subtest (Grades: 3-4)
  - ❖ **Administered: March**
- DRA2 (Grades: K-4)
  - ❖ **Administered: September through May, data points in December and May**
- SRI (Grades: 3-4)
  - ❖ **Administered: September through May, data points in September and May**
- SRI (Grade: 2)
  - ❖ **Administered: May for baseline data only**
- Local Assessment: Local Writing in Response to Reading Scores (Grades: K-4)
  - ❖ **Administered: May**

- USA (Understand, Solve, & Answer) format
  - ❖ Graphic Organizers
  - ❖ Use of Mathematics Process Standards

Targeted Subgroup:

- Students scoring in the third and fourth quarters of the *Terra Nova, Third Edition* Math Subtest.
- 3rd and 4th grade students identified as scoring in the 3rd quarter on the fall Local Math Problem Solving Assessment and/or on the fall Local Adapted End of the Year Math Assessment.
  - ❖ **Interventions for targeted subgroups**
    - Differentiated Math Labs
    - Problem Solving Math Club
    - Student Support Team

Assessments:

- *TerraNova, Third Edition*, Math subtest (Grades: 3-4)
  - ❖ **Administered: March**
- Local Assessment: Local Math Problem Solving Assessment (Grades: 1-4)
  - ❖ **A new assessment for the Spring is currently being developed**
- Local Assessment: Local Adapted End of the Year Math Assessment (Grades: K-4)
  - ❖ **Administered: Fall Form (for driving instruction) and Spring Form (for year to year growth)**