

SCHOOL IMPROVEMENT ACTION PLAN

Bishop Luers High School

Goal: Students will improve their ability to problem solve across the curriculum.

Support Data (from the Profile)
 1. ISTEP+ QOE - Literary Resp. and Analysis
 2. ISTEP+ QOE – Problem Solving & Geometry
 3. Unique Local Insights – Data Collection Instrument #2

Standardized Assessments
 1. ISTEP+ - Lit. Resp. and Analysis
 2. ISTEP+ QOE – Problem Solving & Geometry
 3. PSAT Scores- Critical Reading
 4. SAT Scores

Local Assessments
 1. Teacher / Student feedback

Intervention:
 Students will be taught a systematic method of solving problems: specifically the 4D method:
 Define, Develop, Do and Defend

Research/Best Practice for Intervention:
 Adapted from the NCA presentation on Problem Solving on March 30, 2004 by Plymouth High School.

Activities to Implement the Intervention	Person(s) Accountable	Timeline Begin	End	Resources	Monitoring Activities
1. Present the problem solving goal to all students.	Becky Handel	August 07	January 10	Financial resources for printing and maintaining posters	At the beginning of the year when individual teacher goals are established
2. Display posters of the 4D Method throughout the School.	Becky Handel	August 07	January 10	Examples of problems specific to each discipline	Principal/teacher evaluations
3. Display the problem solving rubric where it is visible to all students.	Mary Keefer	August 07	January 10	Altered schedule to allow for a standardized approach	Review of syllabi and teacher/student
4. Teachers will teach the 4D Method of problem solving by modeling its use with a problem relevant to their discipline.	Mary Keefer	August 07	January 10		
5. All teachers will provide opportunities for students to engage in activities which support problem solving and will assess these activities based on the common rubric. (examples of activities can be obtained in room 148)	Mary Keefer	October 07	January 10		

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