

MATH ACTION PLAN

BOYERTOWN AREA HIGH SCHOOL

BASD 2019-20

DISTRICT VISION: To cultivate an exceptional, innovative learning community that enables all students to succeed in a changing world.

DISTRICT MISSION: For all students to be future ready by meeting or exceeding established goals, the Boyertown Area School District will implement coordinated, articulated curricula and provide personalized, planned instruction aligned with Pennsylvania academic standards.

DISTRICT GOALS:

- To ensure responsible and data-informed use of resources.
- To provide a positive, safe, and healthy learning environment.
- To foster open communication, active involvement, and purposeful collaboration among all members of the BASD learning community.
- To offer research-based, personalized, and growth-oriented learning opportunities for all members of the BASD learning community.

DIRECTIONS:

Each building team will develop their own ELA action plan based on a review of pertinent data and opportunities for growth. After a collaborative review of data and student expectations as articulated in the standards, teams should identify a **MATH BUILDING TARGET**.

Next, relevant **STRATEGIES and ACTION ITEMS** can be identified at each grade level. **METRICS OF SUCCESS** will need to be identified to measure ongoing progress. These metrics may include formative, summative, qualitative, and quantitative measures. (feel free to add additional strategy/action items sections below if needed)

Progress monitoring of our work is critical. The final step of the action plan will be to identify **TRIMESTER TARGETS** to measure growth throughout the year toward the **MATH BUILDING TARGET**.

MATH BUILDING TARGET: Develop clear curriculum guides, midterms and finals to better inform student instruction

STRATEGY/ACTION ITEM:	METRICS OF SUCCESS	TRIMESTER TARGETS		
		OCT 31	JAN 31	APR 30
Develop updated curriculum guides for all courses in the department	<ul style="list-style-type: none"> Develop / edit curriculum guides Revise existing curriculum guides as needed 	<ul style="list-style-type: none"> Math collaborative meetings, 9/9/19, 9/25/19, 10/7/19, 10/14/19 to revise current common assessments Utilize collaborative time to work on learning and furthering developing knowledge of Naiku Develop new and revise current curriculum guides 	<ul style="list-style-type: none"> Math collaborative meetings 11/4/19, 11/25/19, 11/27/19, 12/9/19, 1/6/20 Continued work on scope and sequence and pacing guides for each math class. Utilize collaborative time to work on learning and further developing knowledge of assessment options. 	

PROFESSIONAL LEARNING NEEDED:

Department time and district approved curriculum guides.

STRATEGY/ACTION ITEM:	METRICS OF SUCCESS	TRIMESTER TARGETS		
		OCT 31	JAN 31	APR 30
Develop midterms and finals for each course as appropriate. (excludes: Alg 1, College Alg, AP Calc, AP Stat)	Exams are created and vetted by teachers and presented in a professional looking way.	<ul style="list-style-type: none"> Review current exams at collaborative meetings on 9/9/19, 9/25/19, 10/7/19, 10/14/19 Revise current midterm and develop midterms for appropriate classes 	<ul style="list-style-type: none"> Math midterm have been administered. Monthly department time for item analysis Begin constructing / revising the final exam. 	

PROFESSIONAL LEARNING NEEDED:

Department time.
Professional development on new assessment system.

