

MATH ACTION PLAN

Washington Elementary School
BASD 2019-20

DISTRICT VISION: To foster a 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 or QUARTERLY TARGETS** to measure growth throughout the year toward the **MATH BUILDING TARGET**.

MATH BUILDING TARGET: To strengthen skills across all grade levels related to problem-solving

STRATEGY/ACTION ITEM:	METRICS OF SUCCESS	TRIMESTER/QUARTER TARGETS																							
<p>What will we do to achieve the target? What steps will we take to achieve the target?</p> <ol style="list-style-type: none"> Teachers will explore grade-level standards to identify key foundational skills needed to solve math word problems Teachers will develop knowledge of instructional strategies that support teaching students to read, understand and solve math word problems. Teachers will identify expectations for skill development across grade levels to support students' ability to solve math word problems.. 	<p>How will we know we are making progress or have accomplished the strategy or action item?</p> <ol style="list-style-type: none"> M#1: Teachers will develop an understanding of common close reading strategies (e.g. Cubes) to solve math word problems. M#2: Teachers will develop an understanding of the skills students need to be successful in current and subsequent grade levels with math word problems in the Eureka math program. M#3: Teachers will develop an understanding of the K-5 continuum of these skills and common academic vocabulary to be used across K-5 and prioritized in instructional practices. M#4: Teachers will continue to explore Eureka resources that support students' skills to solve math problems across grade levels. <p>Classroom Look-fors:</p> <ul style="list-style-type: none"> Use of close reading strategies (e.g. Cubes) across grade levels Use of Eureka resources to support successful math problem solving across grade levels Use of academic vocabulary to support successful math problem solving across grade levels 	<table border="1" data-bbox="1247 375 1971 740"> <thead> <tr> <th data-bbox="1247 375 1428 477">Metric</th> <th data-bbox="1428 375 1608 477">Trimester #1</th> <th data-bbox="1608 375 1789 477">Trimester #2</th> <th data-bbox="1789 375 1971 477">Trimester #3</th> </tr> </thead> <tbody> <tr> <td data-bbox="1247 477 1428 544">M#1</td> <td data-bbox="1428 477 1608 544">Completed</td> <td data-bbox="1608 477 1789 544"></td> <td data-bbox="1789 477 1971 544"></td> </tr> <tr> <td data-bbox="1247 544 1428 610">M#2</td> <td data-bbox="1428 544 1608 610">Completed</td> <td data-bbox="1608 544 1789 610"></td> <td data-bbox="1789 544 1971 610"></td> </tr> <tr> <td data-bbox="1247 610 1428 677">M#3</td> <td data-bbox="1428 610 1608 677">Started</td> <td data-bbox="1608 610 1789 677">Ongoing</td> <td data-bbox="1789 610 1971 677">Completed</td> </tr> <tr> <td data-bbox="1247 677 1428 740">M#4</td> <td data-bbox="1428 677 1608 740">Started</td> <td data-bbox="1608 677 1789 740">Ongoing</td> <td data-bbox="1789 677 1971 740">Completed</td> </tr> </tbody> </table>				Metric	Trimester #1	Trimester #2	Trimester #3	M#1	Completed			M#2	Completed			M#3	Started	Ongoing	Completed	M#4	Started	Ongoing	Completed
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M#4	Started	Ongoing	Completed																						

PROFESSIONAL LEARNING NEEDED:

PD Needed

Understanding of CUBES
Cross Grade Level Time
Exploration of released items
Exploration of Eureka resources

When

Inservice Days
ED Days
PLC Time
Grade level Meeting Time

STRATEGY/ACTION ITEM:	METRICS OF SUCCESS	TRIMESTER/QUARTER TARGETS			

PROFESSIONAL LEARNING NEEDED:

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