

WASD Math Action Plan

The WASD Administration and faculty have worked collaboratively to develop this math action plan to meet the strategic goals developed by the WASD Board of School Directors and the goals identified in the WASD Comprehensive Plan.

Area of Focus #1 – Instructional Resources/Adoption

Action	Assigned To	Completion Date	Progress
Review potential K-7 math resources with math committee and Make selection for primary resource	Committee comprised of: Assistant Superintendent, building-level administrators, grade level math teacher representatives, math intervention teacher, instructional coaches	Recommendation made during spring 2022 for Implementation at the start of 2022-2023 school year	July 2022 - Purchased and implemented Eureka Math Squared materials for K-7.
Consider and pilot supplemental resources	Committee comprised of: Assistant Superintendent, building-level administrators, grade level math teacher representatives, math intervention teacher, instructional coaches	Recommendation made during spring 2022 for pilot implementation at the start of 2022-2023 school year	2022-2023 - Conducted a full-year pilot of the following supplemental resources to support math instruction: K-4: Dreambox 5-6: Zearn
Determine next steps with use of supplemental instructional programs	Assistant Superintendent, building-level administrators, grade level math teachers, math intervention teacher, instructional coaches	June 2023	Spring 2023 - Meetings with building teams to discuss advantages and disadvantages of programs Implementation of IXL Diagnostic in grades K-6.

Research middle level math resources of higher level/Depth of Knowledge (DOK)	Assistant Superintendent, JSHS administrator, grades 7-8 math teachers, instructional coach	23-24 academic year and beyond	Selected Eureka Math Squared as the primary instructional resource for the Algebraic Concepts grade 8 course offered in 2024-2025.
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Area of Focus #2 – Instructional Practices

Action	Assigned To	Completion Date	Progress
Model Eureka Math Squared lessons in each K-6 classroom	Instructional Coaches, Math Intervention Teacher, Classroom Teachers	September 2022	Lessons were modeled throughout the month in each math classroom. Debriefs were held with each teacher.
Meet with Dr. Josh Hoyt, BCIU Program Administrator, to plan survey administration and math walks	Assistant Superintendent, Dr. Josh Hoyt, BCIU Program Administrator	February 2023	Phone and in-person conferences held during December 2022, January 2023 and February 2023
Distribute survey to teachers regarding math curriculum, instructional practices and needs	Assistant Superintendent	February 2023	Survey was created in January 2023 and administered in February 2023; Results reviewed in February 2023

Conduct math walks in each classroom K-Algebra II	Dr. Josh Hoyt, BCIU Program Administrator	February 2023	Three days of math walks: February 15, February 16, February 17
Identify trends from math walks to tailor future professional development needs	Dr. Josh Hoyt, Assistant Superintendent	February 2023	Identified small group and differentiated instruction as primary PD needs.
Share information gathered from math walks to staff	Assistant Superintendent, Building-level principals, Faculty	March 2023	Faculty meeting and grade level discussions focused on sharing results
Conduct Math Overview – Board Presentation	Assistant Superintendent, Dr. Josh Hoyt, BCIU Program Administrator, Board of School Directors	March 13, 2023	Presentation was held in March 2023
Departmentalize the fourth grade team so a team of three teachers will focus on the teaching of math and science.	Assistant Superintendent, Building-level Administrators	April 2023	April 2023 - Held meeting with the grade 4 team to explain advantages and challenges. Accepted input from teachers to match strengths with teaching responsibilities.
Increase small group instruction and data-informed practices	Assistant Superintendent, Building-level principals, Instructional Coaches	2023-2024 School year and beyond	Increase in use of small group instruction as evidenced by walk-through documentation. Increase in use of data to make

			instructional decisions. (MTSS meetings)
Provide feedback to teachers on use of small group instruction through classroom walkthroughs and observations	Building-level administrators, Assistant Superintendent	2023-2024 school year and beyond	Increase in use of small group instruction as evidenced by walk-through documentation. Continue to work on increased differentiation.

Area of Focus #3 – Professional Learning

Action	Assigned To	Completion Date	Progress
Facilitate math “Make and Take” sessions focused on developing math fluency and center rotation ideas	Instructional Coaches and Math Intervention Teacher	2021-2022 academic year 2022-2023 academic year and beyond	Monthly Sessions conducted at WHEC and WREC

Facilitate a Launch workshop featuring the introduction of Eureka Math Squared to math WASD teachers	Eureka Math Squared facilitator, Assistant Superintendent	August 2022	Launch Workshop held in August 2022
Schedule sessions to preview upcoming math modules	Assistant Superintendent, Building-level Administrators, Instructional Coach	2022-2023	Scheduled sessions throughout the school year to allow teachers to examine resource prior to new module implementation (used early dismissals and in-service time, provided substitute coverage)
Facilitate book study during the summer and school year Text: <u>Building Thinking Classrooms</u> (Peter Liljedahl)	Assistant Superintendent, Instructional Coaches, Building Administrators	Summer 2023 2023-2024 school year	Schedule two options for book study 1. Summer 2023 2. 2023-2024 school year
Schedule math professional learning activities throughout the school year focused on vertical articulation, use of data to formulate small group, use of small group instruction, use of best practices	Assistant Superintendent, Building-level Administrators, Classroom Teachers	2023-2024 school year	Gained input of staff professional needs through survey distribution
Schedule follow-up Eureka Math Squared trainings	Instructional Coach, Math Intervention Teacher	2023 - 2024	Columbus Day PD, Support by Instructional Coaches throughout school year through AM

			Professional Development Sessions, Use of Early Dismissal Schedule
Based on data and input from teachers, offer professional learning courses focused on differentiation in the math classroom, CRA techniques, and Use of Digital Tools in the Math Classroom	Assistant Superintendent, Instructional Coaches	Summer 2023 2023-2024 School year and beyond	Sessions offered on IXL Usage Team Attended an iXL Conference WASD Mini-Conferences, Act 80 Days AM/PM PD Sessions Book Study using text Building Thinking Classrooms for Math Department during 23-24 school year and also during Summer 2023 for K-12 staff
Continue to collect input from teachers and student achievement data to determine focus areas for teachers' professional development	Assistant Superintendent, Building-level administrator, Math teachers, Instructional Coaches, Math Intervention Teacher	2023-2024 school year 2024-2025 school year	Continued collection of input from teachers through faculty meetings, work with instructional coaches, data collection of class observations, surveys, etc.

Area of Focus #4 – Intervention Supports

Action	Assigned To	Completion Date	Progress
Create and implement the Math Intervention Teacher position to provide intervention/remediation support to students in grades 2-4.	Assistant superintendent, Building-level administrators, math intervention teacher	2021-2022 school year	Use of ESSR funding to create position to start in the 21-22 school year. ESSR funding supports this position for three years. Plan to transition to use of district funding to support continued position. 22-23 and 23-24 school years: Position extended to support students in grades K-4.
Implement a MTSS Math Framework Plan – Collect K-6 math achievement data and screening data to determine students in need of support	Building-level administrators, Math Intervention Teacher, Instructional Coach, Supervisor of Assessment and Interventions	ongoing	2022-2023 school year - Data collection and conducted Intervention Planning meetings to discuss data and prescribe interventions
Provide targeted interventions to students in grades K-4	Math Intervention Teacher	ongoing	Intervention Planning Meetings (IPMs) held regularly to discuss data and progress and to adjust supports when needed. 2023- 2024 - MTSS Implemented in full-force at WHEC. Supporting between 42-54 students in

			math throughout the school year
For grades 5 and 6, identify time and human resources for intervention support. Implement a MTSS Math Framework trial plan.	Building-level administrators, Instructional Coach, Supervisor of Assessment and Interventions	Spring 2023	Spring 2023- Limited trial at WREC to provide intervention supports
Implement a K-6 MTSS Math Framework Plan	Building-level administrator, Supervisor of Assessment and Interventions, Assistant Superintendent, Instructional Coach, Classroom Teachers	2023-2024 school year	Initiated an MTSS Framework Plan for WREC - Held three rounds of IPMs to determine specific student needs and identify process to implement interventions.

Area of Focus #5 – Time Allocations/Schedule

Action	Assigned To	Completion Date	Progress
Increase time allocation for math instruction (75 minutes for K-4; 65 minutes for 5-6)	Assistant Superintendent, Building-level Administrators	Summer 2022	Increase in time allocations for K-6 was completed during the 2022-2023 school year. K-4 instructional minutes range 75-90 minutes per day. 5-6 instructional minutes is approximately 65 minutes per day.

Identify options for schedule changes to JSHS – specifically middle level math and ELA	Assistant Superintendent, Building-level Administrators, Teacher Committee	2023-2024 school year	Board Presentation - February 2024 included an update on meetings with outside consultant. A proposal was shared and discussed with Board. More information will be gathered by District Office.
Implement potential schedule change at the JSHS	Assistant Superintendent, Building-level Administrators, Board of School Directors	2024-2025 school year	A plan to increase math instructional minutes was presented to the Board after administrators worked with teacher representation. For the 2024-2025 school year, the plan to increase instructional minutes for on-level math courses (adding 82 minutes per cycle) was approved in February 2024.

Area of Focus #6 – Curriculum Writing

Action	Assigned To	Completion Date	Progress
Identify math curriculum writing committee grade level representatives	Assistant Superintendent	June 2023	Committee was formed in spring of 2023.
With committee members, draft a curriculum writing schedule for the 2023-2024 school year	Assistant Superintendent, Grade level representatives	Summer 2023	Committee met regularly beginning in August 2023 (drafted schedule collaboratively) with a target completion of spring 2024.
Write math curriculum for grades K-7 using the district-approved template	Assistant Superintendent, Math committee representatives	Summer 2023 through 2023-2024 school year	Grade levels are on target to complete process by Spring 2024
Revise math course sequence at the junior high level to provide additional year of middle level math instruction for most students prior to Algebra I	Assistant Superintendent, Building-level Administrators, JSHS math teachers, Board of School Directors	Spring 2023 for implementation in 2023-2024 school year	<ul style="list-style-type: none"> ● Meeting was held with the Algebra I and Algebra II teachers to discuss options to increase achievement. ● Options were proposed and teacher input was provided. ● Information was shared with the Board of School Directors in April 2023 ● Team decided to wait to adjust the course sequence

			and add instructional minutes until the 2024-2025 school year.
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