

Alysha Madanat, Ed.D

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Academic Preparation

Doctor of Education

Capella University, Minneapolis, MN — Teacher Leader in K-12 Studies

Dissertation Title: The Effects of Using Exit Tickets to Adjust Instruction and Involving Students through Feedback

November 2017 - December 2020

Master of Arts Teacher K-12 Leadership & Mentoring

Thesis: Implementing Collaborative Learning in Middle School Math using Data

Argosy University, Phoenix, AZ

May 2010 - October 2011

Bachelors of Arts: Elementary Education

Arizona State University, Phoenix, AZ

August 2006 - December 2009

Current Research Interest

- Formative Assessment to make Data Driven Decisions
- Small Group Instruction in K-12 Math Classrooms
- Collaborative Learning K-12 Classrooms
- Student Ownership and Feedback in K-12 Classrooms
- Intervention Plan/Procedure for Math K-8 Classrooms

Professional Memberships

- National Council of Teachers of Mathematics (NCTM)
- National Council of Supervisors of Mathematics (NCSM)
- Arizona Association of Teachers of Mathematics (AATM)

Presentations

- *Setting Math Small Groups up Successfully*: Main Presenter at MEAD Conference, January 2023, Tucson, Arizona. Presentation focused on setting small groups up successful, all the components to do in order to make this an effective time in K-12 math classroom
- *Making Math Questions into Good Math Questions*: Main Presenter at National Council of Teachers of Mathematics (NCTM), October 2023, Washington DC. Presentation focused on turning math questions into good math questions, getting students to critically think and to have conversation about the math task at hand

- *Teacher-Led Small Group Instruction. Help Your Teachers Determine WHAT to Teach in Small Groups*: Co-Presenter at National Council of Supervisors of Mathematics (NCSM), October 2023, Washington DC. Presentation focused on the second part of small group instruction, what you do with the students who are at your small group table and how to track data during this time
- *Math Focused: Small Group Instruction: How Do I Help Your Teachers Create Small Groups in Their Classrooms*: Co-Presenter at National Council of Supervisors of Mathematics (NCSM), September 2022, Los Angeles, California. Presentation focused on creating a process and procedure for small group instruction in K-12 math classrooms
- Main Presenter at Washington Elementary School District (WESD) Math Conference, April 2022. Presentation focused on what do to do with the students who are not with you at the small group table, workshops, rotations, centers, choice boards

Professional Experience

Arizona State University, College of Education, Mary Lou, Clinical Assistant Professor

January 2023-Present

- ASU Teaching Fellows West Cohort Fall 2023 (EED & SPE)
 - TEL 310 Instructional Thought & Action
 - TEL 317 Inst Thgt Action: Learning Env & Management
 - TEL 318 Inst Thgt Action: Assessment & Learning
 - TEL 484 Internship
 - TEL 331 Literacy: Science & Reading
 - RDG 413 Lit Mthd Inst & Assess Div Lrn
 - SPE 321 Classroom & SPE Assessment
 - Observations at students sites (38 students)
- Foundations (Lower Division) Area Lead Fall 2023
- Course Coordinator (TEL 310)
- Honors Thesis Director TEL 493 Barrett Honors
- Course Committee and Redesign (TEL 310)
- I-Course Creation (15-week course, TEL 203)
- Faculty Advisor for Teachers of The Future (July 2023-May 2024)
- TEL 310 Instructional Thought & Action (ASU Sync, Summer 2023)
- BLE 220- Foundations of Structured English Immersion (2 sections, 100% In-Person)
- TEL 203-Collaborating, Planning and Implementing Instruction in Diverse Contexts (1 section, 100% In-Person)
- TEL 215 - Introduction to Child and Adolescent Development (1 section, 100% In-Person)

Arizona State University, College of Education, Mary Lou, Faculty Associate

August 2021-December 2022

- TEL 203- Collaborating, Planning and Implementing Instruction in Diverse Contexts (1 section, 100% In-Person)

- MTE 311 - Geometry, Algebra, Statistics and Probability for K-8 Teaching (2 sections, 100% In-Person)
- MTE 280 - Numbers, Operations and Proportional Reasoning for K-8 Teaching (1 section, 100% In-Person)
- TEL 215 - Introduction to Child and Adolescent Development (1 section, 100% In-Person)
- TEL 310 - Instructional Thought & Action (1 section, 100% in person)

Washington Elementary School District, Glendale, AZ — *District Math Intervention Coach*

July 2021-December 2022

- Diversified teaching techniques and learning tools to help teachers with differing ability levels and varied learning models
- Provide meaningful math instruction and coaching to improve math skills for students
- Administered assessments and standardized tests to evaluate student progress with teachers that are being coached
- Utilized multimedia strategies and technology to convey information in fresh and interesting ways
- Created a math intervention plan and effectively implemented this plan into K-8
- Participated in a curriculum adoption which involved a lot of research and evidence for specific gateways on curriculum pieces
- Facilitated and attended teacher data meetings, planning meetings and unit internalization meetings
- Created resources for teachers K-8 for intervention, small group lessons and whole group lessons

Washington Elementary School District, Glendale, AZ — *BEGIN Coordinator (Mentor Program)*

April 2019-May 2024

- Trained teachers (cadre leaders) on effective teaching techniques, classroom management techniques and behavior modifications
- Administered policies and procedures for creating a team, planning materials for the school year, building trainings for 1st-2nd year teachers
- Performed classroom evaluations to assess teacher strategies and effectiveness
- Prepared program budget and submitted to school board for approval
- Collaborated with District employees to develop program

Washington Elementary School District, Glendale, AZ — *Math Curriculum Team*

March 2020-June 2021

- Researched and incorporated current trends and data into curriculum for math
- Provided subject matter expertise on all courses, materials and lesson plans
- Worked closely with instructors to prepare online materials, content and tools to facilitate lessons to students
- Teamed with subject matter experts in evaluation to improve lessons
- Collaborated with administrators to determine lesson objectives for grade level
- Worked flexible hours, night, weekend and holidays

- Led math curriculum team in delivering online digital lessons that could be done in person, hybrid or online setting resulting in having a 6th grade curriculum available for the entire school year to 6th grade math teachers

Washington Elementary School District, Glendale, AZ — Teacher
(Math/ELA/Science/Social Studies)

August 2010-June 2021

- Communicated frequently with parents, students and faculty to provide feedback
- Planned and implemented integrated lessons to meet national standards
- Supported student teachers by mentoring on classroom management, lesson planning and activity organization
- Implemented and encouraged a unique style of classroom environment that increased student engagement and promoted critical thinking
- Encouraged creating thinking and motivated students by addressing individual strengths and weaknesses based on formative assessment results
- Promoted physical, mental and social development using classroom games and activities
- Supervised learning groups of students in classroom workshops (stations)
- Attended and facilitated IEP meetings for students and families
- Departmentalized in 5th-6th math August 2015 until May 2021
- Maintained system required passing rate for math students
- Worked cooperatively with teachers, administrations and parents to help students reach learning targets
- Evaluated and revised lesson plans and content to focus on student center learning
- Enhanced student knowledge of technology by integrating variables based application for research and assignments (pre COVID school year and post-COVID school year)
- Kept students on task with proactive behavior modifications and positive reinforcement
- Reviewed curriculum and devised alternate approaches to present lessons to increase student understanding
- Fostered team collaboration between students through group projects
- Developed and implemented lesson plans that addressed general students as well as those with individualized 504 plans
- Graded and evaluated student work
- Held conferences with parents to address questions, discuss academics, progress and encourage learning goals

Certifications

Arizona State Elementary Teaching Certificate (July 19, 2020-July 19, 2032)

Arizona State Teaching Certificate Middle Schools Math Certified 6-8 grades