



ArtReach



Young Auditorium
UNIVERSITY OF WISCONSIN-WHITWATER
COLLEGE of ARTS AND COMMUNICATION

Moving Through Math- Repeating Patterns: Laying the Foundation for Elementary Mathematics

With **Marcia Daft**, John F. Kennedy Center Teaching Artist

For Teachers of grades PreK-2

Thursday, September 29, 2016 • 4-7 PM at Young Auditorium (Fern Young Terrace)

Do students really understand why everything in math is a pattern? In this workshop, teachers explore how patterns underlie most mathematical systems. First participants examine how counting, one-to-one correspondence, attributes and sequencing are concepts that must be mastered before students are ready to learn about patterns. Then, they learn to lead lessons that integrate rhythm and movement with pattern concepts. Through this process, teachers discover how to identify and teach the foundational grouping, sequencing, and part-to-whole concepts that are embedded inside repeating patterns. **This workshop/course was developed in association with the John F. Kennedy Center for the Performing Arts and is partially underwritten by the U.S. Department of Education and the National Committee for the Performing Arts.**

This event is open to UW-W faculty, pre-service teachers and WUSD teachers.

Contact ArtReach Program Coordinator: Nicole Trackman (trackman@uww.edu) to register for this event today!



Marcia Daft is known for creating original instructional methods for teaching music as well as integrating music and movement into other areas of the curriculum. Her work has been used throughout the United States for fifteen years. Ms. Daft is a national workshop leader for the John F. Kennedy Center for the Performing Arts, a Master Artist with the Wolf Trap Institute for Early Learning through the Arts, and a consultant for arts institutions throughout the U.S. She has developed museum exhibitions, broadcast programs, and educational programs for the Smithsonian Institution. She has also written over twenty books for the Smithsonian Institution and the National Symphony Orchestra. Ms. Daft holds a Bachelor's degree in engineering from

Duke University, a Master's Degree in music from the University of Chicago, and studied piano performance at the Mozarteum in Salzburg. She holds both a certificate and license in Dalcroze Eurhythmics, and performs as a part of the duo-piano team Le Quattro Mani.