ARIETHA LOCKHART, GCA TEACHING ARTIST IN THE SCHOOLS 2018-2019
Full _STEAM_ Ahead: Creating Music with S̲cience, T̲echnology, A̲rts and M̲ath!

BIO: Arietha Lockhart is a retired DeKalb teacher with thirty years of service, holds a Georgia Retired Teaching Certificate in Music PK-12, Educational Leadership, and Gifted in Field-Music. She has served as a Teacher Leader, Text Book Committee Member and worked on a DeKalb Action Plan Study. She is a performing artist and teaching artist for the Georgia Council of the Arts.

PHILOSOPHY: Music should be an integral part of every child's life. Music is a subject worthy of study for its own intrinsic value but it also lends itself to facilitating learning in other subject areas.

I believe that every child can create music using the skills, talents and resources they have at hand in their everyday lives at school and at home. I am a proponent of an Arts-infused school experience for all kids. I say **STEAM** rather than **STEM**.

PROPOSAL TOPICS FOR CLASS DEVELOPMENT IN THE SCHOOL SETTING

MATH IS MUSIC - Students will learn about math and create music using numbers, proportions, mathematical formulas and more. (Grades K123)

NOTABLE MUSIC - Students will learn about musical notation and will learn basics of musical scoring via the computer. (Grades 2 and 3)

ENGINEERING MUSICMAKERS- Students will learn about how various sound sources can be utilized to create music. Students will learn about the various families of instruments and will use recycled materials to create a new instrument. (Grades K123)

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Note: My Georgia Arts Council page is devoted to my performance-based classes/performances but I am sharing so that you know that I am a vetted and background checked member of the Georgia Council for the Arts Teaching Artist Registry.
http://gaarts.org/georgia-artists/artists-rosters/teaching-artists/teaching-artists-roster#Arietha