Curriculum Vitae

Name: Tawayna Bell, M.S.Ed.

Education

University of Houston Clear Lake
Houston, TX
M.S. Education Curriculum and Instruction - Mathematics

Mississippi State University
Starkville, Mississippi
B.S. Chemical Engineering

Teaching Experience

- Provided instruction in algebraic and trigonometric applications used in technical/industrial settings to students seeking process technology certification.
- Provided instruction in an alternative certification program to adult learners working towards their 4-8 mathematics certification.
- Provided instruction in 6th - 8th grade math to middle/intermediate students.
- Provided instruction to 8th grade Math and Algebra to intermediate students in personalized learning program.
- Coordinated and facilitated a two week program for high school students that introduced them to careers in math and science.
- Adapted mathematical curriculum to the needs of adolescent and adult learners.
- Served on committee organized by the Texas Education Association developing 8th grade math items for a state online test bank.
- Served on committees organized by the Texas Education Association reviewing and revising tests items for STAAR-Alt.
- Worked remotely, writing and reviewing assessment items aligned to the state of Georgia math standards.
- Developed curriculum for intervention programs for intermediate math students.
- Analyzed student formal and informal assessment data to provide differentiated instruction.
- Created exams that accurately evaluate student progress.
- Served on campus committees addressing safety, discipline, and parent involvement.
- Served as department head for intermediate math team.
- Maintained department budget for intermediate math team.
- Developed and presented professional development at the district level for the intermediate math department.
- Served as mentor to new teachers.
- Provided weekly mentoring to students.
- Utilized software and technology (PowerPoint, Google Suite, Microsoft Applications, Smart Board) to enhance instruction.
- Trained on the Professional Learning Community (PLC) process by Mike Mattos

Curriculum Vitae

College of the Mainland
Texas City, TX
(2020 -Present) Adjunct Professor: Technical Math, Process Technology Program
(2006 -2008) Adjunct Professor: Teacher Alternative Certification Program

Park View Intermediate School: Pasadena ISD
Pasadena, TX
(2018 – Present) 8th Grade Pre-Algebra and Algebra Connect Teacher

V. W. Miller Intermediate School: Pasadena ISD
Pasadena, TX
(2016 – 2018) 8th Grade Pre-Algebra Teacher/Team Lead

Null Middle School: Sheldon ISD
Houston, TX
(2014 - 2016) 8th Grade Pre-Algebra and Math Strategies Teacher
(2012 - 2013) 6th - 8th Grade Math Special Education Teacher/Co-Teacher
(2011 - 2012) 7th Grade Math/Science Co-Teacher

Dunbar Middle School: Dickinson ISD
Dickinson, TX
(2008 – 2011) 5th/6th Grade Math Improvement Teacher
(2005 – 2008) 5th/6th Academic Math Coach
(2003 – 2005) 6th Grade Math Teacher

Friendswood Christian School
Friendswood, TX
(2003) 3rd Grade Teacher

Georgia Center of Assessment – University of Georgia
Athens, GA
(2018 – 2020) Educational Consultant: Math Item Writer

Texas Education Agency
Austin, TX
(2017, 2019) Educational Consultant: Math Item Writer and Reviewer

Significant Publications

Fifth and Sixth Grade Configuration: Impact on Reading and Mathematics Achievement
This study evaluates the affect grade configuration has on fifth and sixth grade reading and mathematics achievement. State assessment results for schools of various grade configurations containing fifth and sixth grade levels were analyzed. Data were collected from years 2005 and 2006.