

ELIZABETH (LIZZ) WILSON

EDUCATION

Boston College

M.Ed. Educational Leadership & Policy

Online

Jan 2022 – Dec 2023

Johns Hopkins University

Graduate Certificate Mind, Brain & Teaching

Online

Jan 2022 - present

Rutgers University

M.Eng. Coursework in Civil and Environmental Engineering

New Brunswick, NJ

May 2009 - May 2011

Barnard College, Columbia University

B.A. Mathematics/Statistics; Minor in Chemistry

New York, NY

Aug 2005 - May 2009

CERTIFICATION

Certificate of Eligibility for Teacher of Mathematics – NJ DOE No. 1067948 – issued Aug 2017

EXPERIENCE

Lizz Wilson Tutoring

Private Tutor

Virtual / Bay Area, CA

Feb 2017 – present

- Privately tutor high school students in Algebra I and II, Precalculus, Calculus, Statistics, Chemistry, Physics and various standardized test preparation, both in-person and online.
- Review basic concepts to identify areas of weakness that require improvement; focus on syllabi items.
- Prepare lessons and curriculum to meet student needs to both redress past lessons and instruct new material. Track and analyze student progress, and prepare regular reports for parents.
- Manage client and tutor scheduling, payments, and satisfaction on an ongoing basis.

C2 Education

Teacher

Parsippany, NJ / Virtual

July 2017 – Feb 2022

- Instruct students in classes with a 3:1 student-teacher ratio, in subjects including: general K-8 math and science; Algebra I & II, Geometry, Precalculus, Chemistry, Physics; Advanced Placement: Calculus I-III, Statistics, and Chemistry; and standardized test preparation for SAT and ACT exams.
- Prepare lessons and curriculum to meet student needs. Keep detailed records of tutoring sessions using C2 Student Progress Records and/or relevant forms. Track and analyze student progress, and prepare regular reports for parents.
- Work closely with Center Program Director to meet students' academic goals and update academic resources as needed.
- Train new teachers during in-class observations and orientations.

Fusion Academy

Teacher/Substitute

Morristown, NJ / Virtual

June 2019 – July 2020

- Provide a 1:1 student-teacher ratio teaching experience, in the areas of Math, Algebra I & II, Geometry, Precalculus, Calculus I, Statistics, Biology, Chemistry, Physics, and Engineering, in a student centered, supportive classroom that promotes compassion and tolerance, emotional security, resourcefulness, and independent critical thinking.
- Prepare lessons and curriculum through differentiated instruction to address the individual academic and emotional needs of each student with attention to the student's Individualized Education Plan and/or relevant 504 accommodations.
- Keep detailed records of class sessions using Fusion systems (Buzz & Genius software). Track and analyze student progress, and prepare regular reports for parents.

- Work closely with Director of Student Development, Director of Homework Cafe, Head of School, and Department Heads to meet students' academic goals and update academic resources as needed.
- Participate in ongoing professional development, reflection and continuous improvement with the entire campus community.

Montville High School
Mathematics Teacher

Montville, NJ
 Jan 2019 – March 2019

- Provided learning experiences and supervision of assigned students in a supportive and positive classroom climate to develop the skills, attitudes, and knowledge of each student to meet and exceed the State Standards following the approved curricula of the specific Mathematics course.
- Taught Trigonometry & Discrete Math and Geometry Enriched in a traditional classroom lecture-style course format.
- Taught 3 sections of Math Lab, an additional math course for students requiring extra math support, with a class size of nine to fourteen students, allowing for independent work and personalized support.

Mathnasium
Tutor

Bedminster, NJ
 April 2017 – Feb 2018

- Assisted as a rotating tutor with a 4:1 student-teacher ratio, from Pre-Kindergarten through Calculus levels of instruction.
- Implemented the Mathnasium learning curriculum via individualized study plans to identify areas of weakness that require improvement while simultaneously addressing current school syllabi items.

Johns Hopkins University Center for Talented Youth Summer Program
Teaching Assistant

Lancaster, PA
 June 2007 – Aug 2007

- Assisted Teaching Instructor with leading Individually Paced Math Sequence Courses.
- Rotated through the class to help students understand math concepts in their sequenced textbook by answering questions and demonstrating examples. Graded individual quizzes and exams for these students.
- Led enrichment sessions on extracurricular math topics daily.

Columbia University Calculus Help Room
Calculus Tutor

New York, NY
 Sept 2006 – May 2009

- Assisted as a rotating undergraduate tutor for university students in all levels of Calculus.

SKILLS

Communication skills; Analytical thinking; Scheduling; Flexibility; Customer service; Virtual interaction & instruction