

Phyllis French

Math And Science Educator



Fort Myers, FL 33905



phyllis.french@sparkofswfl.com



Personable and positive educator with solid foundation in science and mathematics principles. Possesses deep understanding of scientific concepts and mathematical theories, combined with skills in curriculum design and student assessment. Committed to fostering stimulating learning environment that promotes academic achievement and student growth.



Experience

2026-01 - Current **Science and Mathematics Teacher**

SPARK Hybrid Education Center, Naples, FL

- Continuously updated personal knowledge of subject matter through professional development opportunities, ensuring effective teaching practices.
- Mentored struggling students by providing individualized support, resulting in improved academic performance.
- Developed interdisciplinary lesson plans to connect science and math topics with other subjects, increasing overall comprehension.
- Promoted critical thinking skills by challenging students to apply scientific principles and mathematical reasoning to real-world situations.
- Implemented differentiated instruction strategies to accommodate diverse learning needs and styles, promoting inclusive education.
- Boosted student achievement in mathematics by incorporating engaging problem-solving exercises and group work.
- Organized extracurricular activities such as science fairs and math competitions, enhancing student engagement beyond the classroom setting.
- Fostered a respectful learning atmosphere by establishing clear expectations for behavior and encouraging open dialogue among students.
- Collaborated with fellow teachers to develop cross-curricular projects that reinforced the importance of science and math in everyday life.

2023-08 - 2025-05 **Mathlab Graduate Teaching Assistant**

Indiana State University, Terre Haute, IN

- Assisted professors with in-class teaching experience by providing tutoring as classes were ongoing, helping students who faced problems catch up, and reducing distractions during class time.
- Provided teaching assistance in classrooms, the math lab, and Zoom in subject areas like Algebra, Calculus, Geometry and Statistics.
- Mentored new graduate teaching assistants, providing guidance on best practices and classroom management strategies.
- Managed a math lab of diverse learners, implementing differentiated instruction strategies to meet individual student needs.
- Conducted office and zoom hours for supplemental tutoring sessions, helping students understand complex concepts more clearly.
- Supported instructors in grading exams and papers, maintaining accurate records of student performance throughout the semester.

2022-11 - 2023-08 **Math Teaching Assistant**

Kwame Nkrumah University of Science and Technology, KNUST, Kumasi, Ghana

- Provided in-classroom and online Zoom teaching assistance and tutorials in Algebra, Statistics, Calculus, Multivariate Calculus, Geometry and Differential Equations for college students.
- Developed online exams and quizzes using Python scripts, Moodle LMS, and LaTeX typesetting, to evaluate student performance through ongoing assessments, providing prompt feedback to guide improvement efforts, reducing manual work hours by over 40%.
- Compiled detailed PDF documents with mathematical formulas, sample real-life examples, and hands-on activities in math lessons via Overleaf, enhancing student comprehension of the subject

matter.

- Managed classroom behavior effectively by establishing clear expectations, fostering a positive learning environment, and consistently enforcing rules.



Education

2025-05

Master of Science: Computer Science

Indiana State University - Terre Haute, IN

- GPA - 3.68
- Research Project: Global Analysis of Breast Cancer Occurrence using PowerBi

2022-11

Bachelor of Science: Mathematics

Kwame Nkrumah University Of Science And Technology - Kumasi, Ghana

- GPA - 3.29
- Thesis: Compartmental Modelling Of Student Expenditure on KNUST Campus.



Volunteer work

- Volunteered as a speaker at a session for middle school students looking into Mathematics as a possible Study path for their college education at the Mathematics department, KNUST.
- Volunteered as an usher/event staff at the Maiden E-learning Ghana Conference in KNUST, July 2023.



Skills

Lesson implementation

Student engagement

Data entry

Proficient in Moodle, LaTeX typesetting, Microsoft Office Suite (Word, Excel, PowerPoint)

Group and individual instruction

Online teaching

Tutoring and mentoring

Attendance tracking

Student records management

Leadership strength

Academic advising

Classroom instruction



References

- Jessica Markle, Math Tutoring Lab Coordinator, College of Arts and Sciences, Indiana State University Jessica.Markle@indstate.edu
- Richard Harden, Mathematics Professor, College of Arts and Sciences, Indiana State University Richard.Harden@indstate.edu
- Noah Armah, Mathematics Professor, College of Arts and Sciences, Indiana State University Noah.Armah@indstate.edu
- Dr. Rhydal Esi Eghan, Professor, College of Science, Kwame Nkrumah University of Science and Technology esi.eghan@knust.edu.gh