Maggie Neubig Long

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EDUCATION

CareerFoundry **July 2023-Present**

Full-Stack Web Development Program

Cloud Computing for Web Developers

University of Mary Washington **Fredericksburg, VA**

Master of Science in Elementary Education **May 2016**

Thesis: A study of the influence of physical manipulatives on second graders' understanding of fractions

President's List, 2015, 2016

Member, Kappa Delta Pi, Nu Xi Chapter, Education Honor Society (2014-present)

Collegiate Swimmer 2012-2016

University of Mary Washington **Fredericksburg, VA**

Bachelor of Arts in Historic Preservation **May 2015**

Dean's List, 2014, 2015

Member, Kappa Delta Pi, Nu Xi Chapter, Education Honor Society (2014-present)

Collegiate Swimmer 2012-2016

Team Captain 2014-2015

CERTIFICATIONS

Virginia Postgraduate Professional License, conferred May 2016, renewed July 2021 (VA Teacher license); Project Based Learning, May 2018; Advanced Academics (Gifted and Talented), May 2019; Responsive Classroom, December 2017; STEM/STEAM Educator, August 2017

SKILLS

- Microsoft Office
- Google Suites
- Canva
- Adobe InDesign
- Flip
- Pear Deck
- Wixie
- SeeSaw
- Lumio

LEADERSHIP

- Fourth Grade Team Lead (Aug. 2022- June 2023)
- Math Lead (Aug. 2020-Jan. 2021)
- Project Based Learning School Lead (Aug. 2018-June 2019)
- Advanced Math Teacher (August 2017-June 2019)

WORK EXPERIENCE

Department of Defense Education Activity **Iwakuni, Japan**

4th Grade Teacher Oct 2021 - Present

Sacred Heart Parish School **San Diego, CA**

Third Grade Teacher January 2021-June 2021

Fairfax County Public Schools **Fairfax, VA**

Fifth Grade Advanced Academics Teacher, Glen Forest Elementary School September 2019-December 2020

Fourth Grade Teacher, Fort Belvoir Upper Elementary School September 2016-June 2019

Curriculum Development:

- Led the fourth-grade team as team lead from September 2022 to June 2023, employing backward planning strategies to develop a comprehensive and aligned curriculum to the Common Core Standards.
- Delegated tasks to team members, overseeing the creation of engaging digital, print, and media materials for students and teachers.
- Demonstrated exceptional curriculum design skills, resulting in significant increases in student scores.
- Achieved a remarkable rise in math proficiency from 58% in 2021-2022 to 82% in 2022-2023, and significantly improved ELA performance from 79% to 90% across the fourth-grade level.

Data Analysis:

- Demonstrated leadership in conducting grade-level analysis from September 2022 to June 2023 to enhance student writing scores.
- Developed comprehensive spreadsheets for data aggregation, enabling teachers to identify student misconceptions and strategically plan targeted reteaching and enrichment.
- Utilized data analysis to identify trends and patterns, resulting in a remarkable increase in student mastery from 28% to an impressive 90%.

Leadership and Collaboration:

- Fostered a collaborative environment by creating opportunities for teachers to share expertise, develop effective writing lessons, and contribute to curriculum improvement.
- Demonstrated strong advocacy skills as the team lead for the fourth-grade team, effectively representing their concerns and needs to school administration during leadership meetings.
- Successfully advocated for improved support for new teachers from September 2022 to June 2023 by addressing concerns and prompting changes in the New Teacher Mentor job description, resulting in enhanced support for novice educators.
- Effectively communicated the need for a high-quality writing program to foster student proficiency, leading to administration's response by creating a dedicated writing committee tasked with finding or developing a suitable program.
- Proven ability to collaborate with school administration, actively engaging in constructive dialogue and leveraging influence to drive positive change in support of team members and student learning.

Mentoring and Modeling:

- Acknowledged by Fairfax County Superintendent Dr. Scott Brabrand as a distinguished model classroom teacher in March, 2020, showcasing effective instructional practices during a video-recorded lesson.
- Served as a model classroom in November, 2019, where eleven visiting principals observed and learned from the implementation of best practices within my classroom.
- Demonstrated expertise in mentoring and guiding the professional growth of three practicum students from Fall 2017 to Fall 2018.

Professional Development:

- Demonstrated expertise in leading professional development sessions, presenting effective practices for remote teaching using Google Slides, Pear Deck, and Blackboard during a district-wide professional development day in June 2020.
- Delivered impactful professional development on incorporating communication and collaboration in the classroom in February 2020, providing teachers with valuable strategies to enhance student engagement and interaction.
- Utilized training in Advanced Book Clubs in 2018 to develop and facilitate professional development sessions for school staff, sharing resources and best practices for successfully implementing book clubs in the classroom.
- Received a grant to pursue certification in Project Based Learning, further enhancing instructional strategies and expertise in facilitating meaningful and engaging learning experiences for students, while also serving as the lead for Project Based Learning initiatives at the school, guiding and supporting teachers in implementing effective strategies and fostering a culture of inquiry, collaboration, and critical thinking among students.

Detail Oriented:

- Demonstrated meticulous planning and execution of lessons, ensuring alignment with curriculum guidelines and educational standards discussed earlier.
- Carefully collected and assessed student needs by leveraging various data points obtained through previous chats, enabling the implementation of differentiated instruction tailored to individual student requirements.
- Developed and utilized data trackers for student portfolios to accurately monitor and track student progress, allowing for data-driven decision-making and targeted interventions to enhance academic performance.
- Employed a variety of summative and formative assessments, as well as running records, to identify areas for improvement, showcasing an attention

STEM Educator:

- Developed and implemented engaging STEM curriculum, utilizing hands-on experiments, project-based learning, and innovative teaching techniques to enhance students' understanding and application of STEM concepts.
- Designed and facilitated interactive STEM activities, promoting critical thinking, problem-solving, and collaboration among students, while adapting instructional strategies to accommodate diverse learning styles and abilities.
- Integrated real-world applications into STEM lessons, fostering connections between classroom learning and practical career opportunities.
- Guided students in STEM competitions and challenges, cultivating their creativity, resilience, and teamwork skills.
- Leveraged educational technology tools and resources to enhance STEM instruction, providing interactive learning experiences and ensuring inclusive and accessible STEM education for all students.
- Implemented and facilitated engaging after-school clubs in Girls Who Code, Scratch, and Engineering is Elementary: Designing Parachutes, providing students with hands-on experiences in coding, computational thinking, and engineering principles.

Education Technology:

- Implemented project-based learning initiatives that integrated technology tools, such as Google Suites, Flip, Pear Deck, Wixie, SeeSaw, and Boddle, to engage students in hands-on, real-world projects that fostered critical thinking, collaboration, and problem-solving skills.
- Integrated Boddle into the classroom to provide personalized learning experiences and adaptive practice for students.
- Leveraged Boddle's data analytics to monitor student progress and identify areas of strength and improvement.
- Monitored student progress using assessment tools, such as Go Math Think Central, to make data-driven instructional decisions, to assess project outcomes, align with learning objectives, and ensure student success and growth.

OTHER WORK EXPERIENCE

Engineering is Elementary — **Iwakuni, Japan**
STEM Club Lead — October 2022- June 2023

Tsunami Swim Team — **Iwakuni, Japan**
Volunteer Head Coach — August 2022 - Present

Fox Hunt Swim Team — **Springfield, VA**
Head Coach — June-August 2020

Canterbury Woods Swim Club — **Annandale, VA**
Head Coach — June 2015- August 2018

Poplar Heights Swim Team — **Fairfax, VA**
Head Coach — June 2014-August 2014

• Instructed over 150 children aged 3-18 in technique work and competitive swimming
• Designed weekly meet roster, optimizing team outcome by analyzing prior swim data
• Supervised six to eight assistant coaches, produced weekly schedules and duty rosters
• Created lesson plans and drills for daily practices