

Curriculum Vitae

Douglas W. Weber M.Ed

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EDUCATION

Ed.D in Education

Utah State University
Specialization: Curriculum and Instruction
Concentration: Mathematics Education and Leadership

Anticipated 2025

Master's of Education in Instructional Design

Western Governors University, Salt Lake City, Utah

May 2019

Bachelor of Arts in Mathematics Education (6-12)

Western Governors University, Salt Lake City, Utah

May 2018

PROFESSIONAL EXPERIENCE

Logan City School District, District Office, Logan Ut

September 2024-Present

Student Services Specialist

- Provided visible supports in schools assisting administrators with PBIS plans
- Participated in state and district meetings
- Provided training about student services to administration and staff
- Proactive Planning for high-risk groups
- Assist with Title IX process
- Coordinate and maintain USBE safety requirements for the district
- Assist, develop and maintain grant opportunities for the district

Logan City School District, Logan High School, Logan Ut

June 2018 - Present

Full-Time Secondary Math Teacher

- Created instructional material using Google and Microsoft Suites to help students learn at their own pace while keeping accountable to myself and to the school's timeline.
- Created, edited and developed curricula for the Mathematics team, which included innovative teaching practices such as yearlong blended competency-based learning courses, focusing on students learning.
- Helped form new programs at the school such as Super Saturdays, Credit Recovery systems, and the availability of regular courses as well as concurrent enrollment mathematics and education courses.
- Served on several committees: Safety Committee, STEM Committee, and Student Body Officer Advisor.
- Mentored/Advised approx. 60 students a year on their progress in the program and future plans
- Taught Math 1/Honors 2/Honors, 3/Honors, Pre-calculus, and Modern Mathematics following CCSSM Integrated Curriculum
- Taught Concurrent Enrollment coursed through USU: College Algebra Math 1050, College Trigonometry Math 1060, TEAL 1010 Introduction to Education

Utah State University, School of Teacher Education, Logan, Ut

2022-present

Graduate Research Assistant, *Using Smart Foodscapes for the Enhancement of Sustainability in Western Rangelands*, USDA-Agricultural and Food Research Initiative (ARFI) (\$6.8M, 2021-2026).

- Provide research assistance on a STEM-integrated USDA-funded project with Drs. Katherine Vela and Kathy Trundle.
- My role includes documenting decisions in team meetings, creating and editing lesson plans for k-12 teachers, and presenting and managing international, national, and state conferences.
- Help manage and organize large amounts of data across several k-12 schools.
- Insure institutional and grant requirements are made through detailing appropriate documents and submitting payments

Bridgerland Technical College, Logan Ut

2020 - 2022

IT STEM Teacher

- Taught an IT STEM broadcast class from Bridgerland to Logan High School. Course was connected to 7 other high school and middle school campuses located in Northern Utah.
- Taught students basic IT skills, such as deconstructing and constructing computers and laptops, partitioning files, and simple commands.
- Facilitated learning from the online platform TestOut.

Providence Hall Charter School, Providence Hall High School, Herriman UT

2017 – 2018

Full-Time Mathematics Teacher (Intern)

- Created interesting lesson plans to encourage and engage students in how to become mathematicians through inquiry and discovery.
- Built rapport with students and parents by having a positive environment year-round through a focus on student empowerment, community involvement, and parent outreach.
- Taught Secondary Math I classes including a co-taught class which involved collaboration on how to better teach students who have struggled with mathematics in the past.
- Taught a senior math elective that went over content that they would see in an introductory college math course.

AWARDS

- **Teacher of the Year**, Logan City School District, 2021
- **Teacher of the Month**, Providence Hall High School, 2018

SERVICE OPPORTUNITIES

- **Utah State Board of Education (USBE)** September 2023 - Current
Planning and evaluating an entry college level mathematics course for early college students in the business department.
- **Association for Science Teacher Education (ASTE)**, January 2023
Helped run the registration booth at the national conference in Salt Lake City, UT and provided assistance to the organizer of the yearly ASTE conference.
- **Utah State Board of Education (USBE)**, August 2022 - May 2023

Served on the Data Science Year 1 committee where I researched ideas, curriculum, and made plans with my local high school on how to implement a data science course.

INTERNATIONAL CONFERENCE PRESENTATIONS

Campbell, K. U., Vela, K., Villa, A., Curtis, T., Feichko, D., Hall, C., Larsen, L., Rhodes, S., Saunderson, L., & **Weber, D.** (2023, January). *Native bee conservation: Bee a citizen scientist*. [Workshop presentation] Association for Science Teacher Education, Salt Lake City, Ut, United States.

NATIONAL CONFERENCE PRESENTATIONS

Parslow, M., Vela, K. N., **Weber, D.**, Trundle, K. C., & Hagevik, R. (2024, September 25-28). *Growing green: A mathematical blueprint for school garden planning* [Workshop submitted]. National Council of Teachers of Mathematics Annual Conference, Chicago, IL, United States.

Weber, D., Vela, K. N., Parslow, M., Trundle, K. C., & Hagevik, R. (2024, September 25-28). *Capturing the rain, quantifying irrigation* [Workshop submitted]. National Council of Teachers of Mathematics Annual Conference, Chicago, IL, United States.

Vela, K. N., **Weber, D.**, & Parslow, M. (2024, March 20-23). *Chasing clouds: Quantifying the sky* [Workshop]. National Science Teacher Association, Denver, CO, United States.

Weber, D., Vela, K. N., & Parslow, M. (2024, March 20-23). *Connecting to nature through mathematics and rainfall* [Poster Presentation]. National Science Teacher Association, Denver, CO, United States.

Vela, K. N., **Weber, D.**, Hagevik, R., Parslow, M., Trundle, K. C., & Wheeler, L. (2024, March 17-20). *Impact of interdisciplinary integrated STEAM garden-based curriculum on students' knowledge, self-efficacy, and attitudes* [Paper presentation]. National Association for Research in Science Teaching, Denver, CO, United States.

Parslow, M., Miles, S., **Weber, D.**, & Vela, K. N. (2023, March). *The math I used, I learned that it really is used in most of your everyday activities. - An integrated math activity* [Workshop presentation]. National Science Teacher Association, Atlanta, GA, United States.

STATE CONFERENCE PRESENTATIONS

Vela, K. N., **Weber, D.**, Parslow, M., Trundle, K. C., & Hagevik, R. (2024, January 30-13). *Cloudy with a chance of estimation: Exploring cloud coverage* [Workshop]. Utah Council of Teachers of Mathematics, Provo, UT, United States.

Weber, D., Vela, K. N., Parslow, M., Trundle, K. C., & Hagevik, R. (2024, January 30-31). *Precipitation and STEAM: How to calculate garden irrigation* [Workshop]. Utah Council of Teachers of Mathematics, Provo, UT, United States.

Vela, K. N., Parslow, M., Miles, S., & **Weber, D.** (2023, January 31 – February 1). *The beauty of planning a school garden*. Presentation for teachers at the Utah Council of Teachers of Mathematics, Provo, UT, United States.

PROFESSIONAL ORGANIZATIONS

National Council of Teachers of Mathematics (NCTM) Since 2022

Utah Council of Teachers of Mathematics (UCTM) Since 2022

Association of Science Teachers Education (ASTE) Since 2022

National Science Teachers Association (NSTA) Since 2022