

Mary Weaver

Teacher - Instructor @ MSU - MACUL Board Member

DeWitt MI | @WeverWorld | marywever@gmail.com

about.me/marywever twitter.com/weverworld [instagram.com/weverworld/](https://www.instagram.com/weverworld/)



Testimonials

Please visit <http://mrswever.weebly.com/testimonials.html> to read testimonials written by fellow educators, colleagues, parents, and friends.

Work experience

STEAM Teacher Aug 2019 - present
Holt Public Schools

- Facilitate learning in a STEAM Lab (Science, Technology, Engineering, Arts, Math) classroom for 7th-8th graders. From video game design and computer science to sewing and grid drawings, students learn time management, teamwork, resilience, and perseverance through high-interest hands-on activities.
- Collaborate with a team of Technology and STEAM teachers in Holt and throughout the world to enhance our programs.
- Examples of lessons: Maker Activities, Computational Thinking/Computer Science (Scratch, Code.org, Code Combat, CS First), Video Game Design, Crocheting for a Cause (partner with charity to donate work), Global Cardboard Challenge, Take Apart Unit, Grid Drawings, Building and STEAM Challenges, Animation, Research on Controversial Tech, Google Apps, Financial Literacy, Media Literacy, Copyright & Fair Use, Online Safety
- Took a group of students to the Michigan state capitol to present at the MACUL & AT&T Student Technology Showcase to advocate for STEAM programs.
- Participate in Holt Leadership Fellowship with an MSU Professor.
-

STEAM & Technology Teacher Aug 2017 - Aug 2019
Waverly Community Schools

- In addition to teaching 7th-8th grade STEAM, I taught a Technology class to 5th-6th graders with a focus on using tools in real world contexts and to support their core content classes. See Holt description above for STEAM related activities.
- Serve on the planning committee for the community Student Technology Showcase and [Capital Area Educators Summit](#).

Instructor & Administrative Assistant Jan 2014 - Present
[Michigan State University, Master's in Arts in Educational Technology \(MAET\)](#)

- Most recently taught and mentored new instructors for CEP 810 (Teaching for Understanding with Technology).
- Taught CEP 811 (Adapting Innovative Technologies in Education) online. This course won the AT&T Educational Technology Award for [Best Fully Online Course at MSU](#).
- Taught the Year 1 (CEP 810, 811, and 812) [Hybrid Summer Cohort program](#) on campus and online 2015-2017.
- Plan engaging lessons, field trips, and experiences to model research-based best practices for technology integration with a focus on the TPACK model.
- Use Desire to Learn (D2L) and WordPress as course management systems.
- Thoughtfully respond to and grade blog posts and assignments by teachers pursuing a Master's degree in Educational Technology. A big focus is on specific feedback with the

More Education

Certificates, Awards, & Affiliations

- **Elementary Professional Teaching Certificate, State of Michigan**
 - K-5 All Subjects (K-8 Self-Contained Classroom)
 - English (BA) 6-8
 - Technology (NP)
- **MACUL Board member 2016-present, MACUL member 2008-present**
- **Two time winner of the Best Fully Online Course at MSU for the AT&T Faculty and Staff Awards.**
- **ISTE member 2017-present**
- **Adams Academy Fellow at MSU 2016-2017**
- **Team chosen for the Teach to Lead Summit in Baltimore with the U.S. Department of Education (2016) Focus: Computational Thinking Outreach**
- **Michigan Educator's Voice Fellow (2015-2016)**
- **4T Virtual Conference on Digital Writing Planning Committee (2016)**
- **Google CS First Guru at David Scott Elementary in DeWitt, MI**
- **Classroom Cribbs Grand Finalist for Classroom Design (2015)**
- **National Writing Project Teacher Consultant, Red Cedar Writing Project Fellow**
- **Google Certified Educator**
- **MLPP Certified (Michigan Literacy Progress Profile)**

Presentations

- STEAM Lab Workshop at ISTE 2019
- [Project Based Professional Learning \(PBPL\)](#) at MACUL 2019
- [Computer Science Standards Adoption](#) at MACUL and MDE 2019
- Makerspace Panel at ISTE 2017 &

opportunity to improve after reflection.

- Update CEP 810, 811, and 812 to reflect current dates, instructors, links, and assignments.
- Model open and honest communication to teach online students to collaborate and share work even when they are not face-to-face.

Director of the Graduate Certificate Programs in Educational Technology and Online Teaching & Learning / Outreach Specialist

Jul 2015 - Aug 2017

Michigan State University, Master's in Arts in Educational Technology (MAET)

- Coordinate program staff, student recruitment, advising, program promotion and advertising, research and analysis of program impact, and outreach.
- Teach the Year 1 (CEP 810, 811, and 812) [Hybrid Summer Cohort program](#) on campus and online (2015-2017). These are the first 3 courses in the Graduate Certificate in Educational Technology program.
- Organize and run the MSU [College of Education Technology Conference](#) (2015-2016).
- Present and exhibit at MSU, regional, state, national, and international teaching conferences. Attend professional development opportunities on campus, online, and across the world.
- Plan and revise curriculum for graduate courses. Two of these courses (CEP 811 & CEP 812) won [Best Fully Online](#) course for the AT&T Faculty & Staff Awards.
- Supervise and mentor adjunct faculty.
- Maintain social media presence for MAET.

Elementary Teacher (2nd, 3rd, and 4th grades)

Jan 2008 - Jul 2015

East Lansing Public Schools

- Created a positive learning environment where students felt safe to try new things, display talents, work with different people, and learn from mistakes. Parents were welcome and encouraged to participate in the classroom culture.
- Served on district technology committee to discuss and evaluate the use of current and future decisions affecting the schools.
- Mentored preservice teachers including two student teacher interns from the MSU College of Education (2012-2013 [Rachelle Galang](#), 2013-2014 [Deedee Stasiak](#)).
- Utilized technology hardware in daily activities with the use of an interactive whiteboard, document camera, MP3 players, iPads, laptops, and maker activities. Flipped courses for [Math](#) and [Geography](#).
- Maintained a classroom website (www.weverworld.weebly.com).
- Implemented a Balanced Literacy Program with the use of the Lucy Calkins Writer's Workshop, Reader's Workshop/Reading Street, Guided Reading, Daily 5, Word Study, the 50 Book Challenge, and student conferring.
- Used Everyday Mathematics to teach differentiated and manipulative-based math instruction in a hybrid math class. Added math fact program for fluency. Served on Math Curriculum Committee to rewrite assessments and lessons to align to Common Core.
- Adapted general education curriculum and differentiated instruction to meet the needs of a multicultural learning community (including ELL and Title I students).
- Instructed, guided, and assessed students using various curriculum-based lessons according to the Common Core, ISTE (technology), State, and District Standards.
- Led school-wide activities (Hour of Code, Day of Play, Caps for Cancer, Book Bingo, March is Reading Month).
- Collaborated with parents and support personnel to determine learning goals and behavior plans for individual students.
- Sought out extraordinary opportunities for my students by inviting award-winning educators and community members to participate in learning activities and teach students with innovate methods and tools.

2018. Makerspace Workshop 2019

- Computational Thinking Poster Session at ISTE 2017, 2018, 2019
- [Redesigning Learning Spaces with Your Students' Brains in Mind](#) ICE in Chicago in 2017, Hana Pono in Honolulu in 2015, LCC class
- [Creative Twists on Assessment](#) Live Curious Go Beyond in Monterrey, Mexico 2017, Share Fair in Grand Rapids 2017, ICE in Chicago in 2017, 517EdTech in 2019
- [A Maker \[in any\] Space](#) Podstock in Kansas in 2016, MACUL 2016
- [From Maybe to MAKING in One Hour](#) MACUL 2016
- [Written & Verbal Testimony](#) for bill 4791 to the MI House of Representatives Education Committee 2016
- [Creativity & Innovation in Education](#) MSU Language Class
- Panel moderator for Creative Leadership: Yes, those 2 words can go together at the MASA Conference
- ECET2MI 2015: Moderator for a panel on Student Leadership
- Exploring the Creative and Innovative Instructional Makerspaces at MSU with Leigh Graves Wolf, Lilly Seminar at MSU 2015
- **Featured presenter at Kamehameha Schools Education Technology Conference** ([Hana Pono](#)) in Honolulu, HI 2015: Redesigning Learning Spaces with Your Students' Brains in Mind, Designing Your Classroom Space to Promote (Manageable) Movement and Learning, Breaking Down the Physical Walls in Your Classroom: Using Augmented Reality to Enhance Your Learning Space
- Tips and Tricks for Using Augmented Reality
- EdCampLansing 2015: Classroom Design and Flipped Instruction
- WOW (Writing on Wednesdays) Co- led a yearlong professional development with Lansing's Pattengill Elementary teachers focusing on writing in a digital environment (2014-2015)
- Red Cedar Writing Project WIDE Paths (Writing in a Digital Environment) Summer Cohort 2014
- EdCampGR 2015 Maker Spaces in the Classroom & Flipped Classrooms
- [Integrating Technology K-16](#) Webinar with MSU's Alumni Association 2014
- EdCampLansing 2014: Augmented

Elementary Teacher (3rd grade)

Aug 2007 - Jan 2008

Ed White Elementary, Clear Creek ISD, El Lago TX

- Served on the Technology, Social Studies, and Social Committees.

Title I Teacher & Private Tutor (K-8)

2006 - 2007

Erickson Learning Center

- Differentiated instruction for groups and individual students who needed additional help with math and language arts at Emanuel Lutheran School in Lansing.
- Developed and implemented individualized lesson plans to suit the learning styles and needs of elementary age students.
- Communicated to teachers and parents orally and in writing any progress or concerns.
- Provided a safe and positive learning environment for students to actively participate and feel free to ask questions.

Teacher - Online English

2007

Language Development Systems - NateOn

- Used a camera, headset, and keyboard to remotely teach English as a Second Language to elementary - adult students who lived in South Korea.
- Followed online lesson plans and adapted instruction for each individual student based on needs and questions asked.
- Corrected students' spoken and written English so they would become fluent English speakers.
- Worked on fluency, comprehension, vocabulary, and word study.

Education

Master's of Arts in Educational Technology

May 2013

Michigan State University

Elementary Education Teaching Certificate

Dec 2006

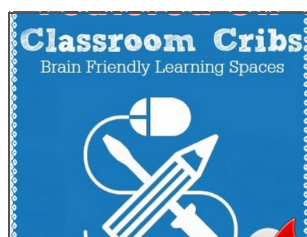
Spring Arbor University

Bachelor of Arts in English

Aug 2004

Michigan State University

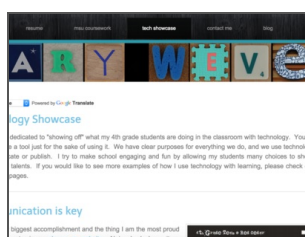
Portfolio



Classroom Cribs Grand Fi...



MACUL Presenter



Technology Showcase

Media Mentions

- [One Class at a Time](#) winner April 2019 (\$250 grant from Dr. Grubaugh on WLNS)

Reality with Erin Klein & Deedee Stasiak, [Flipping Out in 4th Grade](#) with Deedee Stasiak

- Online Presentation and Discussion to MSU College of Education professors about the importance of teaching the Flipped Model of Instruction to Preservice Teachers
- I have led many district Professional Development opportunities focusing on how to create lessons using SMART Notebook, website creation, iPad Accessibility Features, Powerful Writing Tips, etc.)
- EdCampMidMI 2013: This was my first EdCamp! I did not officially lead any sessions, but I did share my [flipped Geography class](#) and talk about how I organize Google Docs with my classes.
- ScreencastCamp at TechSmith 2013: [Augmented Reality](#) with Erin Klein
- EdCampOU 2013: Augmented Reality with Mike Medvinski

Professional Development



- MACUL Conference 2010-present ([Michigan Association of Computer Users in Learning](#)), Presenter in 2015, 2016, 2018, 2019
- Google Certification Academy with John Sowash, Summer 2014 ([Google Certified Educator Certificate](#))
- Red Cedar Writing Project [Summer Institute](#) 2012, National Writing Project Scholar
- EdCamps ([EdCampMidMI](#), [ScreencastCamp](#) at TechSmith, [EdCampOU](#), [EdCampLansing](#), [EdCampDetroit](#), [EdCampGR](#), [MIFlip15](#))
- Code.org training at Ingham ISD
- Challenge Based Learning workshop presented by Apple
- Digital Learning Day at MSU 2013 (hosted by [Andrea Zellner](#))
- SIOP Model Training for ELL Students ([Sheltered Instruction Observation Protocol](#))
- Week-long Michigan [Social Studies Tour](#) & Education by the Michigan Historical Museum
- PROM/SE Math Team 2011-2012 ([Promoting Rigorous Outcomes in Math and Science Education](#))
- 5E Model & Exemplars for Science Instruction ([Engage, Explore, Explain, Extend \(or Elaborate\), and Evaluate](#))
- Advanced Orton-Gillingham [Workshop for Reading Instruction](#)

- [The Big Show with Michael Patrick Sheils](#) with Waverly Middle School students & MACUL
- [Becoming a Connected Educator: Building Your Personal Learning Network \(PLN\)](#) by Inside Teaching MSU 2016
- [MACUL Makerspace Magic](#) blog post by Rick Joseph, Michigan Teacher of the Year
- AT&T Educational Technology Award for [Best Fully Online Course at MSU](#) (Award received by Leigh Graves Wolf and Michelle Schira Hagerman. Mentions given to all instructors for the course)
- [Google, state partner on free computer science program for kids](#) in the Lansing State Journal
- [Teachers Trump Tools](#) written by Jeff Gerlach at Michigan Virtual University
- [Alumni Spotlight: MyBlend.org Podcast with Mary Wever and Jeff Gerlach](#) written by Michelle Schira-Hagerman for the MAET blog
- [MyBlend Stories: Mary Wever](#) (podcast with Jeff Gerlach from the MyBlend team at Michigan Virtual University) Emphasis on classroom design, hybrid learning, and preservice teaching programs
- [Classroom Cribs Meet the Grand Finalists](#) Classroom Design Contest created by Erin Klein, Ben Gilpin, Tom Murray, and AJ Juliani
- Webinar with the MSU Alumni Association - Spartans Helping Spartans - Alumni Lens
 - Teaching with Technology for K-12 and Adult Education with Jess Knott, Heather Dufner, and Mary Wever
 - [Webinar Recording](#)
 - [Technology in the Classroom - A Recap of the Webcast](#) (follow up post)
- [MyBlend Stories: Mary Wever & Deirdre Stasiak](#) Webinar with Michigan Virtual University
- [This is Fourth Grade: A Blended Odyssey](#) (blog post written by Michigan Virtual University)
- Nature and Need of Gifted and Talented
- Many diversity training workshops offered by [East Lansing Public Schools](#)
- Classroom Management Seminar with [Dr. Harry Wong](#)
- CPI Training ([Nonviolent Crisis Intervention](#))

Technical Skills

- Check out some examples at <http://mrswever.weebly.com/tech-showcase.html>
- Microsoft Office Suite (Word, PowerPoint, Excel, Publisher, Outlook, OneNote)
- Google Apps, Google Drive, Google Earth (all things Google), Google Certified Educator
- Maker Ed resources, Chromebooks, iPads, Interactive Whiteboards, Apple TV, Document Camera, Soundfield System
- Screencasting Tools (Camtasia, Educreations, Explain Everything, ShowMe, etc.)
- Desire to Learn (D2L)
- Web Design (Weebly, Blogger, Wikispaces, WordPress, etc.)
- Adobe Illustrator, Photoshop, PageMaker, Reader
- Digital Storytelling & Video Production (iMovie, MovieMaker, etc.)
- PowerTeacher, PowerSchool, Illuminate Ed
- Social Media (Twitter, Facebook, Pinterest, Instagram, etc.)
- Various iPad apps and many Web 2.0 Programs (I'm always looking for more tools to add to my toolbox)