Julie Tomczak

EDUCATOR

PROFILE

As an educator, I have a passion for teaching and learning. I currently teach 5th grade Science, Language Arts, and Technology classes in Okemos, Michigan. My enthusiasm for learning led me back to higher education to grow as an educator, and challenge myself in new ways. In my spare time I enjoy spending time outdoors, traveling, and being with my family.

CONTACT

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JULIETOMCZAK.COM

BATH, MICHIGAN

AREAS OF EXPERTISE

- Computer Proficiency
- Verbal and Presentation Skills
- Elementary Education
- Middle School Education
- Science Education
- Curriculum Development
- Creativity
- Critical Thinking
- Emotional Intelligence
- Collaboration
- Time Management
- Integrated Sciences
- Educational Technology
- Communication Skills
- Organization
- Instructional Design
- Attention to Detail
- Problem-Solving
- Inquiry-Based Learning

EDUCATION

BACHELOR OF ARTS / EDUCATION 2011

MICHIGAN STATE UNIVERSITY, EAST LANSING, MI

- Major: Elementary Education
- Teaching Major: Integrated Sciences

MASTER OF ARTS / EDUCATION 2016

MICHIGAN STATE UNIVERSITY, EAST LANSING, MI

- Major: Educational Technology

DOCTOR OF EDUCATION 2023

UNIVERSITY OF FLORIDA, GAINESVILLE. FL

- Major: Curriculum and Instruction
- Focus: Educational Technology

RESEARCH INTERESTS

My current research interests focus on upper elementary and middle school science education. The literature I have studied over the past few years revolves around inquiry-based learning and incorporating simulations in science classrooms. My overarching research questions were as follows:

- In what ways, if any, will using virtual simulations and inquiry-based activities improve students' conceptual understanding of physical and chemical changes?
- In what ways do I adjust my teaching with inquiry based activities and simulations to facilitate student learning of physical and chemical changes?

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EDUCATOR

LEADERSHIP SKILLS

M-STEP SCIENCE ITEM WRITING/ REVIEW
MI-STAR CURRICULUM DEVELOPMENT
PARENT-TEACHER COMMUNITY COUNCIL
PBIS TEAM + BEHAVIOR TEAM
COVID TASK FORCE COMMITTEE
BOND PLANNING COMMITTEE
FLEXIBLE FURNITURE COMMITTEE
LMS COMMITTEE

TECHNOLOGY SKILLS

ARTICULATE RISE
CANVAS
SNAGIT
CAMTASIA
OTTER.AI
TEAMS
SHAREPOINT
DESCRIPT
GENIALLY
POWERSCHOOL
GOOGLE SUITE
GOOGLE CLASSROOM
WEBSITE DEVELOPMENT
3D-DESIGN + PRINTING
CANVA

WORK EXPERIENCE

INSTRUCTIONAL DESIGN INTERN MAY 2023 - AUGUST 2023
AMERICAN SOCIETY OF ADDICTION MEDICINE

- Designed online courses using Articulate Rise using content shared by Subject Matter Experts
- Edited, transcribed and reviewed videos from ASAM professionals to be published in the courses
- Collaborated weekly with Learning Design and Innovation mentors through Teams, Monday.com, and SharePoint

5TH GRADE TEACHER 2016 - PRESENT
KINAWA MIDDLE SCHOOL

- Plan lessons for science, language arts, and exploratory classes schedule field trips, meetings, professional development, and school events
- Work with parents through email and by phone to communicate regarding their child's performance
- Utilize student 1:1 devices to develop authentic learning opportunities for students daily
- Align lessons with common core state standards and the Next Generation Science Standards while accommodating all students
- Use tiered readings, homework, and in-class assignments to help students with learning disabilities work at their level
- Diversify classroom activities by including a combination of group, partner, and individual work as well as incorporating technology in the forms of video clips, interactive websites, and project-based learning activities

SCIENCE TEACHER 2024 - 2025
BURTON MIDDLE SCHOOL

- Integrated blended learning into the classroom offering students differentiation of instruction
- Collaborated with translators and ESL teachers to best reach the large
- Spanish-speaking population of the student body through the SIOP model
- Engaged students in hands-on learning and interactive laboratory activities
- Used a cross-curricular format with the science curriculum establishing lessons that promote overall development
- Following district curriculum generated and implemented interactive comprehensive lessons for 7th-grade science classes
- Worked with parents, colleagues, and administrators as a part of the Parent-Teacher Community Council