

SHANAN WHEELER

SUMMARY OF QUALIFICATIONS

- Administrative Certification
- Administrative Shadowing
- Completion of Aspiring Administrators Academy
- Science Department Chairperson
- Teacher Certification: DA, DX, DC, CE
- IB Level 1 Chemistry
- Teaching Experience grades 7-12

EDUCATIONAL EXPERIENCE

August 2002 – present

Livonia Public Schools

Science Teacher/Department Chairperson – Franklin High School

Subjects taught – Chemistry, IB Chemistry, Physics, Psychology, Biology, Ecology, and Physical Science

Science Teacher – Churchill High School

Subjects taught – Chemistry, Biology, Ecology, and Earth Science

LEADERSHIP EXPERIENCE

Building Leadership, August 2013 – Present

Livonia Public Schools

- Science Department Chairperson – Development and implementation of data based department goals, speaking to small and large groups, chemical inventory, purchasing, and board presentations.
- Member of the FHS Focus School Committee – Participation in the “data dig” in cooperation with team members and Wayne County RESA, mentoring in FHS Drop Out Challenge, development and implementation of Focus School Goals.
- Extensive shadowing with FHS assistant principal including student discipline, parent contacts, teacher evaluation, and the discipline of special education students, shadowing at Thurston High School, Redford MI.
- FHS School Improvement Team for preparation and implementation of professional development based on Eric Jensen’s book, “*Engaging Students with Poverty in Mind: Practical Strategies for Raising Achievement.*”
- As a member of the DCT, brainstormed strategies to add programming to LPS, as well as ways to enhance and retain student enrollment.
- Assistant T.A.C. (Test Accommodations Coordinator) during ACT testing, 2014/2015.

- Prepared and presented data based science department goals and interventions to increase students critical thinking and technical writing skills.
- Prepared and presided over district level professional development using data to further improve summative assessment.
- Worked in cooperation with fellow department chairpersons and administration to develop the student growth data piece of teacher evaluation.
- Worked in cooperation with administrators, fellow department chairs and the science curriculum facilitator to implement a student placement procedure for students transitioning from middle school to high school.
- Member of the District School Improvement Team – Analyzed AdvancED survey data and worked in collaboration with administrators, parents and community leaders to disaggregate data and determine trends in regards to student safety and staff collaboration.
- As a member of the DSIT mission statement subcommittee, analyzed data and participated in the rewriting of the LPS mission statement.

CURRICULUM DEVELOPMENT

August 2002 – June 2014

Livonia Public Schools

- Developed and implemented strategies for science educators to incorporate formative assessment and Common Core State Standards into the LPS science curriculum.
- Collaboration with English Language Arts to prepare and implement professional development for science teachers in Common Core reading and writing practices.
- In cooperation with the Chemistry Steering Committee, developed and piloted common assessment for the chemistry curriculum.

In a collaborative effort with Wayne County RESA and cooperating districts, developed assessment questions in Class A for chemistry according to the HSSCE requirements.
- Collaborated with members of the FHS science department to implement student course packets aligned to the FHS and state chemistry curriculum.
- Developed and implemented curriculum for the chemistry portion of the International Baccalaureate Diploma Program offered at FHS.
- Developed and implemented curriculum for Ecology, Forensics and Psychology courses at FHS.

EXTRACURRICULAR INVOLVEMENT

- Organized and participated in student activities such as high school commencements, homecoming events and sporting events – *11 years*
- Organization and participation in Global Village Programming – *5 years*
- Honor's Night Speaker – *3 years*
- Participation in the Rouge Education Project – *3 years*
- InterAct Advisor – Aided in the restructuring of the FHS extension of the Livonia Rotary Club – *2 years*
- Marine Corps Liason for FHS – *1 year*

COMMUNITY INVOLVEMENT

- Timing and concessions support for FHS Track and Field and Cross Country – *3 years*
- Organized and participated with students in the annual Wayne County Light fest 5K – *3 years*
- Indoor Team Manager for FHS Girls and Co-ed Soccer – *2 years*
- Cross Country Team Manager for Parent Group – *1 year*
- Henry Ford Teacher Fellow - Collaborated with technology and history teachers to develop self-guided itineraries and curriculum for school groups – *1 year*

EDUCATION

- **Oakland University** – *Ed. Specialist Degree Awarded June 2010*
- **University of Michigan Dearborn** – *M.S.S.E Degree Awarded December 2005*
- **University of Detroit Mercy** – *Secondary Education Certification Awarded December 2000*
- **Madonna University** – *Bachelor of Science Awarded May 1999*

PROFESSIONAL AFFILIATIONS

- ASCD (formally the Association for Supervision and Curriculum Development)
- NSTA (National Science Teacher Association)
- MSTA (Michigan Science Teacher Association)