

Louise Maine

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Education

M.A. Science Education

- Western Michigan University, Kalamazoo, MI
- May 1996

Ecology courses for General Science certification

- Tidewater Community College
- August 1988

B.S. Biology/Teacher certification Biology and General Science

- Indiana University of PA
- August 1986/December 1987

Punxsutawney Area High School graduate, 1983

Experience

Biology/Science Teacher, Punxsutawney Area High School, 1999-Present.

- High School Teacher in the following subjects: General Science, General Biology, Academic Biology (college prep), and Science for Living (environmental)
- Active in Student of the Month and National Honor Society Faculty council committees
- Use of Technology, Project-based, and Inquiry learning in the classroom
- Recently a Classrooms for the Future Teacher focusing on integrating state of the art technology/web 2.0 as a teaching and learning tool in the classroom.
- Cooperating teacher with Clarion University Office of Field Services (2004 and 2006)

Sole proprietor, Harvest Memories, 2002-Present.

- Local and Internet-based Scrapbook business.
- Learned web design and graphics CAD type program as a designer

Methods in Science Education Instructor, Western Michigan University, Summer 1998.

- Developed coursework to teach prospective science teachers current science methods
- Various methods of instruction taught through the use of those same methods

Science Teacher, St. Joseph Public Schools, St. Joseph, MI, 1992-1998.

- Middle School Life/Physical Science and High School Biology/Geology/Chemistry Teacher
- Active in student extra-curricular activities such as Prom advisor and Science Olympiad
- Also active as faculty advisor for improving communication with Administration
- Mentor to new teachers to the High School
- Science Department Chair for the Vertical Steering Committee
- Presenter at NCA conference for Writing across the Curriculum

Science Teacher, Kempsville Junior High School, VA Beach, VA, 1988-1991.

- Middle School General/Earth Science Teacher
- Developed and advised the school's Science Club and Environmental Club
- Student Council Advisor
- Nominated Teacher of the year for Kempsville Junior High.

Paramedic/EMT, Citizens Ambulance Service, Indiana, PA, 1984-1988.

- Worked as a Paramedic/EMT responsible for emergency care of the community
- Trainer of newly hired employees
- Instructor of Emergency Medical Technician classes

Use of Technology

- Classrooms for the future teacher utilizing student laptops, projector, Walk and Talk board, digital media, wikis, blogs, United Streaming, various applications (Office 2007, comic life, Google Docs and Apps) and websites etc. on a daily basis to support pedagogy

Leadership/Recognition

- Invited as a Model teacher for the PA Classrooms for the Future Coach and Administrator bootcamps, October 2008 and February 2009
- Conference presenter – One to One conference at PSU, April 2008; K12 Online Conference, October 2008; PA Technology conference (PETE-C), February 2009
- Invited to and attended Google Teacher Academy (recognizes industry leaders) at Google Headquarters, NYC, November 2008
- Led technology workshops in District and Intermediate Unit, Summer 2008 and 2009
- Featured on Edutopia, print and online, for use of Wikis, August 2008
- Quoted for article in Cable in the Classroom magazine, June 2008
- Training materials available online: <http://sites.google.com/site/techhints>

Professional Development

- Digital footprint: <http://sites.google.com/site/louisemaines/>
- Committed to ongoing, personally driven professional development found on blog: <http://hurricanemaine.blogspot.com>
- Regular contributor in sessions using the following formats: Elluminate, Ustream/chat, Ning, and Second Life. Moderator of sessions for Teacher's First using Elluminate
- Site reviewer for Teacher's First responsible for reviewing educational sites with classroom use ideas for teachers