

# Kathleen Marie Chromicz

## RESUME

United States

Kenya  
International School of Kenya  
Nairobi, Kenya  
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## Objectives

- To develop programs of technology integration that build vibrant learning environments, from which students emerge as creative digital citizens equipped with 21<sup>st</sup> century skills and a commitment to add value to the world around them;
- To work in a team that develops a sustainable model for implementing inquiry-based and technology-embedded education in developing countries;
- To develop Villages Innovate, a non-profit (for-purpose) organization that collaboratively provides global service-learning and problem-solving partnerships between people of all cultures.

## Professional Experience

2012-Present **K-12 Technology Integration Coordinator**, International School of Kenya, Kenya

- Head of School-Wide Educational Technology Department;
- Coach teachers in planning technology-integrated lessons.
- Promote Service Learning through cross-cultural technology teams;
- Collaborate to create and implement a rolling Integrated Technology Curriculum Plan;
- Introduced coding, human-centered design thinking, and makerspaces throughout school;
- Train stakeholders in digital resources for blended learning and assessment;
- Collaborative develop a design lab;
- Introduce and support eportfolios for middle school;
- Regularly participate in iPad innovative teaching conferences around the world;

2011-2012 **Technology Integration Specialist, Harare International School, Zimbabwe**

- Taught integrated ICT 7 and ICT 8 in an open lab environment;
- Developed an integrated Service Learning Program for middle school students.
- Coached teachers in planning and implementing technology-integrated lessons;

2006-2011 **Information and Communication Technology Director, Harare International School, Zimbabwe**

- Collaboratively created a vision for the future of the school's technology integration;
- Taught with and gave workshops using Web 2.0 tools;
- Maintained administrative software and trained staff in the use of student database, scheduling, grading, reporting, attendance, and schedule building;
- Budgeted, ordered, and organized school's technology resources;
- Served on Steering Committee for 10-year accreditation self-study.

### Technology Department Chair

- Organized K-12 ICT curricular goals to ensure compliance with NETs standards;
- Vertical alignment of comprehensive K-12 NETS-based technology integration program;
- Developed grade level performance indicators that included links to assessments, rubrics, and samples of student work.

### ICT Middle School Technology Coordinator and ICT Teacher for Grade 8

- Collaborated with middle school teachers in technology-integrated inquiry planning;
- Offered co-teaching opportunities with teachers to integrate technology
- Conducted inquiry-based learning with key software programs such as Inspiration, Geometer's Sketchpad, and iLife Suite as tools for 2<sup>1st</sup> century learning.
- Developed electronic portfolios with middle school students.

### Twin School Cultural Exchange Program Director and Service-Learning Leader

- Founded the Twin School Program in 1995, maintaining relations with appropriate district education ministers, local political representatives, and local police to organize projects;
- Organized cultural exchange opportunities for our high school students in a rural village school during which our students live part-time with families and perform service at the school;
- Assisted rural Zimbabwean teachers in organizing a sustainable and self-governed Goromonzi District Technology Integration Program over 18 years.
- Coordinated middle school teams from sister schools to participate in and win first place in Apple's iLife 2009 Competition in Southern Africa.

Trained middle school/high school teams to participate and present at the Global Issues Service Summits held in Uganda, Zambia, and Mozambique;

- 2001-2006 **Middle School ICT Coordinator**, HIS: Zimbabwe  
Presented technology institutes for teachers and administrators at HIS and in African countries;  
**ICT Teacher for Grades 6-8; Mathematics Teacher for Grades 8-11**  
Integrated technology into inquiry-based mathematics curriculum in grades eight to eleven;  
**Middle School Coordinator**  
Served as community service learning coach, pastoral program leader, and activities leader.
- 1998-2001 **Elementary ICT Coordinator; Middle/High School Math Teacher**, HIS: Zimbabwe  
Established an inquiry-based open elementary school technology lab model;  
Served as mathematics department chair and block schedule builder;
- 1994-1998 **Curriculum Coordinator; Mathematics/Science/ICT/Art Teacher**, HIS: Zimbabwe  
Also began a pastoral program and the Outward Bound Explore Zimbabwe survival trip.
- 1990-1994 **District Mathematics Mentor Teacher**, Mountain Empire District: San Diego, California
- 1986-1990 **Mathematics/Science/Ceramics/Art Teacher**, San Diego, California  
Built a middle and high school program based on the Creative and Performing Arts.
- 1970-1986 **Previous Experiences**  
Studio potter, Founder of Waldorf-based home school, Co-founder of community pre-school;  
Peace Corps, O and A level mathematics teacher, Ghana. West Africa  
Co-director of an alternative learning center serving at-risk youth, Davenport. Iowa

### Professional Preparation

- 2006-2013 **Masters Degree in Technology Management and E-Learning**, PhD Candidate  
Northcentral University, Arizona
- 1994 **California Computer Credential, K-College**  
Post-Graduate: University of California; San Diego, California
- 1980 **California Standard Secondary Credential: Mathematics, Art**  
Post-Graduate: San Diego State University; San Diego, California  
Minors: Humanities and Spanish
- California Multiple Subjects Credential; All Subjects: K – 8**  
Post-Graduate: San Diego State University; San Diego, California
- 1970 **Illinois Secondary Teaching Credential: Mathematics**  
Northeastern Illinois University; Chicago, Illinois  
Major: Mathematics. B.A. with High Honors

### Workshops and Institutes Presented

- 2009-2013 Global Issues Service Summit Advisor: *Uganda, Zambia, Mozambique, S. Africa, and Kenya*
- 1995-2010 *Technology Workshops* for administration, teachers and the School Board; Harare Zimbabwe
- 2007 *Standards-Based Education and Curriculum Mapping*, San Diego, California
- 2005 *Exploring Mathematics Using the Geometers' Sketchpad*; AISA Conference; Harare Zimbabwe
- 2004 *Paving Learning Paths With Technology Across the Curriculum*; Nairobi, Kenya.  
Five-day AISA Institute for African teachers; Participants earned graduate credit.
- 2003 *Using Graphic Organizers for Visual Thinking*; Lusaka, Zambia
- 2003 *Technology Integration Training Institute*, Gabon, West Africa  
The American International School of Libreville (5 days as AISA-sponsored consultant)
- 1982-2002 Workshops on *Mathematics and Manipulatives, Probeware for Teaching Science and Mathematics, and Mathematics with Manipulatives and Technology*; Africa and California

### Professional Recognitions

- 2011 AISA Service Award: won with the 11<sup>th</sup> grade for our Sewing Project at Kadyamadare
- 2011 Staff Member of the Month; for service to the teachers, students, and HIS
- 2004 Inspired Teachers Award and Scholarship; for work with *Visualization in Learning*; Oregon
- 1990-1994 District Mathematics Mentor Teacher; Mt. Empire School District, California
- 1994 State Senate Recognition In Mathematics Leadership; California
- 1990 Outstanding Mathematics Education of State Teachers and Students; California

### Professional Memberships

Association for Supervision and Curriculum Development (ASCD); International Society for Technology in Education (ISTE); Association for the Advancement of Computing in Education (AACE); International Technology Education Association (ITEA); Association for Computing Machinery (ACM)