

Kristen Dyksterhouse

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Objective

Teaching position in the field of secondary mathematics or technology.

Education

Michigan State University **East Lansing, MI**
Master of Arts **May 2016**
Educational Technology **GPA: 4.0**

Grand Valley State University **Allendale, MI**
Bachelor of Sciences **April 2012**
Major: Mathematics; Minor: English **GPA: 3.69**

Certification:

Michigan Provisional Certificate: Secondary mathematics & English (6th-12th) **April 2012**
First Aid & CPR **April 2014**

Employment and Experience

Teaching Experience

Berrien Springs Public Schools **Berrien Springs, MI**
Middle School Math Teacher **August 2014 to Present**

- Plan daily instructional activities for 8th grade math and Algebra 1 students in accordance with the Carnegie Learning curriculum and Common Core State Standards
- Analyze data from assessments to track growth and drive instruction
- Implement project-based learning activities
- Accommodate learners of various achievement levels by blending best practices with modern tools and resources

Berrien Springs Public Schools **Berrien Springs, MI**
High School Math Teacher **August 2012 to 2014**

- Plan daily instructional activities for 9th-11th grade math students in accordance with the Carnegie Learning curriculum and Common Core State Standards
- Analyze data collected weekly from each learner's adaptive computer program to track growth and drive instruction
- Collaborate with parents, staff, and students regularly to ensure student success and maintain positive relationships
- Accommodate learners of various achievement levels by blending best practices with modern tools and resources

Berrien Springs Public Schools **Berrien Springs, MI**
National Honor Society Advisor **August 2012 to 2015**

- Organize, implement, and attend monthly National Honor Society community service activities
- Promote academic achievement, community involvement, and leadership in school activities
- Supervise student leaders

Belding Area Schools **Belding, MI**
Long Term 6th Grade Math and English/Language Arts Substitute **May 2012 to Present**

- Used data collected through formative and summative assessments to drive instruction and maximize student growth and achievement
- Created and implemented project-based learning activities, differentiated lesson plans, and problem solving investigations that align with Belding Area Schools' curriculum and the Common Core National Standards, and that fit within the framework of No Child Left Behind
- Accommodated learners of various achievement levels by implementing technology, modifying learning activities, and practicing equity, which allowed for unique, creative approaches to the curricula

Northview Public Schools **Grand Rapids, MI**
Title I Math Interventionist **February 2012 to Present**

- Helped students remediate their deficits in mathematics, using data collected through formative and summative assessments to track growth and drive instruction
- Analyzed data collected from each learner's SMI (Scholastic Math Inventory) Test score in accordance with the their grade level to target strengths and weaknesses, maximize learning, and close achievement gaps
- Prepared middle school learners of varying ability for the Scholastic Math Inventory Test

Crossroads Middle School/Northview Public Schools

Student Teaching

- Collaborated with administration and staff on furthering the 21st Century learning model, blending progressive pedagogy with modern tools and resources
- Created and implemented differentiated lesson plans, inquiry based activities, and problem solving investigations that aligned with Northview's curriculum and the Common Core National Standards
- Executed best practices by employing project-based learning and balanced literacy in a *flipped* classroom

Grand Rapids, MI
January 2012 to April 2012

Caledonia High School

Teacher Assisting

- Implemented project-based learning and embraced technology to maximize student growth and understanding
- Produced and implemented assorted and reproducible lesson plans, summative assessments, and group investigations that aligned with Caledonia High School's curriculum and the Common Core National Standards
- Compared and analyzed student data gathered from pre-tests and post tests to track growth and progression, assess the effectiveness of current instruction, and adapt the current curricula to meet new academic goals

Caledonia, MI
September 2011 to December 2011

Forest Hills Eastern High School

Problem Based Learning

- Developed, implemented, and planned weekly activities and assessments to meet the needs of individual learners
- Educated using student-centered lesson plans for each classroom activity
- Facilitated group work to focus and engage students

Ada, MI
August 2010 to December 2010

Related Experience

Williams Furniture

Administrative Assistant

- Assist customers with questions and concerns
- Inventory & accounts receivable
- Data entry
- Financing

Grand Rapids, MI
August 2007 to August 2012

Publications

Math In the Libraries

Mathematics aligned with Common Core National Standards for K-2, 3-5, 6-8, & 9-10

- "All About Me" – K-2
- "Skeletal Symmetry" – 3-5
- "Tangrams" – 6-8
- "Math Around the World" – 9-10

December 2012

Adventures with Mathematics: Climbing from Grade 7 to Grade 8

Mathematics aligned with MI-GLCEs for Grade 7 and Grade 8

- "Kite Conundrum"
- "Let's Go Fly a Kite"

December 2010

Professional Interests

- Cheerleading; Student Council; Community Service/Involvement; Math Club; and Event Coordination
- Game Theory: using board games, television game shows, and electronic gaming devices to explore mathematics and enhance problem solving abilities. Also, creating games and activities with learners as we investigate and discover mathematical patterns.
- Technology: Classroom Website, Classroom Blog, Podcasting, Mathematical Programs/Websites, etc. I enjoy implementing a digital, professional learning community where learners can reflect, ask questions, seek help, and start discussions on personal interests. Further, parents and administrators can see what learners are doing in class and how they are progressing. The digital community gives everyone a chance to speak and share their insights.

Honors

- *Math In Action 2012*- Conference Presenter
- Dean's List – Grand Valley State University
- Dean's List- Grand Rapids Community College

Community Involvement

- National Honor Society monthly service outreaches 2012 to 2013
- Math in the Libraries- *Activity Leader and Tutor* 2011 to 2012
- Family Math Night at Muskegon Heights- *Math Themed Activity Leader* 2011
- Grand Rapids First- *Volunteer Central Community Volunteer* 2007 to Present
- Big Brothers Big Sisters- *Mentor* 2010 to 2011
- Second Harvest Gleaners- *Food Bank Volunteer* 2009
- Abundant Life Ministries- *Food Bank Volunteer* 2004 to 2005
- Convoy of Hope-*Volunteer* 2003
- Joy Youth Center- *Volunteer/Tutor* 2002 to 2003