



Ann Gaffney

Ann Gaffney has been teaching grades 6 through 8 at Londonderry Middle School since 1997. During this time, Ann has taught mathematics, science, reading, and enrichment programs. She has developed curriculum and provided academic coaching to other teachers. She currently works with the School's highest achieving math students and those students who need additional mathematics support.

Ann firmly believes that students of all ability levels develop their understanding of mathematics through their experiences wrestling with mathematical ideas and problems. This belief is evident throughout her classroom teaching. In the lesson featured in her PAEMST video, Ann guided student discussions as they debated various ways of classifying numerical relationships. The students probed their own understandings of the four basic operations as they built a foundation for their work in ratio and proportion. Student discourse is a key component of Ann's lessons. She challenges her students to present their ideas, critically investigate those ideas, and come up with generalizations based on their findings.

Her research interests focus on the professional development of in-service teachers, particularly in the area of mathematics teaching and learning. Ann's work has been presented at workshops and conferences locally and at the international level. She is also a certified Intel Math instructor and has taught courses to current and pre-service teachers as an adjunct faculty member at local universities. Ann is passionate about helping students and teachers discover joy in the learning, teaching, and understanding of mathematical concepts.

Ann earned a B.A. in mathematics, cum laude, from Wellesley College, a M.Ed. in elementary education from Lesley University, and an Ed.D. in leadership and learning from Rivier University. In addition to her elementary education teaching credential for kindergarten through eighth grade, Ann is certified to teach earth/space science grades 7–12 and holds three mathematics-specific credentials making her a mathematics content specialist grades K–12.

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