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# INVESTIGATIONS

IN NUMBER, DATA, AND SPACE®



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Susan Jo Russell is the principal investigator of the *Investigations in Number, Data, and Space*® curriculum project and was the principal investigator of *Developing Mathematical Ideas*, a professional development curriculum series for elementary and middle-grade teachers. Her most recent publication, *Connecting Arithmetic to Algebra* focuses on supporting teachers to integrate a focus on generalizing about the operations into their core arithmetic instruction.

Dr. Russell has worked at TERC for over 30 years, directing projects that have focused on computer education, mathematics for special needs students, professional development in mathematics for elementary and middle school teachers, research on students' and teachers' understanding of mathematics, and curriculum design for elementary students. She has a special interest in professional and leadership development in elementary mathematics and on understanding how practicing teachers can learn more about mathematics and children's mathematical thinking.



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