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**Kayla K. Blyman** (kayla.blyman@usma.edu) and **Marie Meyer\*** (mmeyer2@lewisu.edu), One University Parkway, Department of Computer and, Mathematical Sciences #298, Romeoville, IL 60446. *Gaming Formative Assessment: Telestrations in the Mathematics Classroom.*

When students understand a mathematical concept, they are able to represent and communicate it in multiple ways. Learning to transition back and forth between those representations develops mathematical fluency. Telestrations is a game which involves communicating an idea in multiple ways, making it a perfect tool for developing and assessing students' conceptual knowledge as well as their communication skills. Over the course of several semesters we have used this game as a method of reinforcing mathematics concepts in courses such as Pre-Calculus level Mathematical Modelling, Linear Algebra, Mathematics for Preservice Elementary School Teachers, and College Algebra. It has always been an effective teaching tool and at times even seems to be tricking students into learning because they are having so much fun playing the game. By watching how much students struggle at different steps throughout the game and looking through the game decks after students are done, we gain a great understanding of the strengths and weaknesses in our students' conceptual understanding of the current topic and communication skills related to that topic. (Received September 25, 2018)