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Andrea N Young* (younga@ripn.edu). *Improv Techniques for the Mathematics Classroom*. Preliminary report.

Although the goals of improvisational comedy and mathematics education may seem diametrically opposed—one is to entertain and the other is to instruct—in fact, the ideas of the former can help to achieve the latter. In this presentation, I will demonstrate how some of the most fundamental tenets of improv can be used to create an open and engaging mathematics classroom. Specific examples of improv exercises that have been successful in the classroom will be given. (Received August 15, 2011)