Mathematics instructors are urged to drop their ideas of a traditional mathematics classroom and make changes that allow students to interpret algebraic representations and create their own way of understanding mathematical concepts. The Kaput Model will be introduced at the theoretical framework of this talk. There will be discussion of a connection between the traditional theory of how students learn algebra and the newer technologically enhanced theories on student learning. Included will be many examples of how to properly use technology in the mathematics classroom and ideas on the implementation of the theories, including an in-class activity.