1145-J1-2649 Lisa Driskell* (ldriskel@coloradomesa.edu). Tactile Learning Activities: Keeping It Simple in Calculus.

The concepts of motion and change in calculus lend themselves naturally to tactile learning activities. While the relationships among velocity, acceleration, speeding up, and slowing down can be difficult to recognize, tactile activities aid students in physically feeling those relationships. Tactile activities can also be used to highlight the various changing quantities in standard related rates problems. By taking typical calculus problems and adding simple props and movements, we can employ tactile learning activities to introduce and reinforce concepts. The featured in-class activities are of variable length and are straightforward to prepare and implement, making them suitable for easy integration throughout the calculus course. (Received September 25, 2018)