

1106-N1-2035      **RaKissa D Cribari\*** ([rakissa.cribari@ucdenver.edu](mailto:rakissa.cribari@ucdenver.edu)), University of Colorado Denver,  
Campus Box 170, P.O. Box 173364, Denver, CO 80217-3364. *Distinguishing Mathematical  
Definition by Doing the Coochy Coo.*

Most students believe that definitions play an important role in the learning of mathematics. However they struggle with transitioning from performing procedures to reasoning from definitions as they move into more sophisticated mathematics. Further, students tend to rely primarily on their concept image and intuition about a concept, especially visual/mental images, instead of the concept definition. The issue of limited concept images and the lack of a strong connection between a concept image and its mathematical definition need to be addressed at all levels of study in undergraduate and secondary mathematics. The goal of this session is to present an activity designed to help students focus in on the concept definition while isolating their natural inclination to rely solely on their concept image when working on a mathematical task. (Received September 15, 2014)