1035-Z1-411 **Cynthia J Woodburn\*** (cwoodbur@pittstate.edu), Mathematics Department, Pittsburg State University, 1701 S. Broadway, Pittsburg, KS 66762. Using a Smartboard in Abstract Algebra. Preliminary report.

Abstract algebra is a challenging class for many students since it is often students' first introduction to more theoretical mathematics. We'll discuss several ways in which a smart-board can be used to help students visualize abstract concepts from group and ring theory, such as dihedral groups, permutations groups, homomorphisms, and quotient structures. (Received September 06, 2007)