

1135-D5-3202 **Gabriel Sosa*** (gsosa@amherst.edu), Amherst College, Amherst, MA 01002. *Collaborative Activities in an undergraduate Abstract Algebra Course.*

Many students struggle with specific topics on Abstract Algebra. In some cases this is due to the student facing definitions that are too technical when compared to their mathematical maturity and, in others, to a lack of opportunity to experiment with the objects that are being studied. We will discuss some activities, along with their implementation and outcomes, related to modular arithmetic, the dihedral group and normal subgroups. (Received September 27, 2017)