962-20-1011 Colin L Starr* (starr@math.sfasu.edu), Box 13040 SFA Station, Stephen F. Austin State University, Nacogdoches, TX, TX 75962-3040, and Galen E Turner (turner@math.sfasu.edu), Box 13040 SFA Station, Stephen F. Austin State University, Nacogdoches, TX 75962. *Planar Groups.* Preliminary report.

In a typical course on Group Theory, many of us teach how to create the subgroup lattice of a given group. It is usually preferable at this point to draw a subgroup lattice that is not "too complicated." In this paper, we define a planar group to be a group whose subgroup lattice is a planar graph, and determine some sufficient conditions for a group to be planar. (Received October 01, 2000)