There is an established way to associate a finite-index subgroup of \( \Gamma(2) \) with a bipartite graph on a surface, or, equivalently, a triple of permutations. We will examine this relationship, and find permutations and graphs for groups of the form \( \Gamma(2p) \). We will also use graphs to produce infinite families of noncongruence subgroups of every even level. (Received September 08, 2011)