This research examined two structural equation models with the purpose of measuring the impact of relationships with teachers, school physical conditions, school environment, exclusion, organization, relationships with peers, and academic behaviors on bullying among adolescents. A total of 185 middle school students living in a semi-rural community in the State of Mexico participated in this research. The measurement model provides significant information about the impact of latent variables (peer relationships, school climate, and influence of teachers) on victimization and bullying. Results showed that the most significant effects were between peer relationships and victimization followed by the influence of teachers and school climate. Besides, the final model showed that peer relationships and influence of teachers contributed directly with bullying.