In the introductory theoretical part, the thesis tries to introduce two basic views of the issue whether we are born as women and men or whether the principle of our "womanhood" and "manhood" is determined by socio - cultural impact. While the term "sex" refers rather to biological aspect, the term "gender" includes more likely the complex of social and cultural influences. Therefore one of the sub themes of this thesis deals with gender stereotypes and their difficulties. However, the central theme of the thesis is the impact of gender questions in school environment. In the wide spectrum of raised questions, the major aim of the thesis is to answer the one concerning gender differences in the popularity of school subjects among boys and girls. To provide more complex view of the issue, not only the large number of specialized publications but also the questionnaires, filled in by the students of second grade of grammar schools, are used. The results of the empirical part are consequently supplied by some gender activities which correspond with gender - sensitive education and facilitate the general improvement of atmosphere at schools.