Physical activities are an important part of the life. Therefore this bachelor thesis is focused on sport games because they are one of the most popular physical activities. The main aim of this thesis was analysis of utilization of sport games in the Physical Education (P.E.) at secondary schools. The following partial aims were analysis of pupils and teachers attitude to sport games, their motivation, the way of teaching sport games at school, analysis of playing sport games in free time and to find out if schools are involed in a process of finding talented pupils. This thesis was divided into theoretical part and practical part. The theoretical part is focused on defining the sport games, describing the national education programme, the role of teacher and to describe the P.E. lesson. The following practical part is describing the research, methods and results. The research was based on questionnaire survey at secondary schools in Prague. The questionnaire was completed by 283 pupils and 19 teachers. It was find out that sport games were favourite by pupils and teachers and therefore sport games were played a lot in P.E. The most favourite games according to girls were dodgeball and wandering ball. The most favorite ones according to boys were football and floorball. These games were prefered by teachers in P.E. Based on the research, teachers often do not know what games were unpopular. Therefore this bachelor thesis can be utilized as an inspiration for teachers and to improve the educational methods of teaching sport games.