The bachelor thesis deals with the issue of opinions and attitudes of older school children to vending machine and healthy rating in primary schools. The theoretical part describes in detail the basic characteristics of older school age, the issue of nutrition in school children, the formative of attitudes towards the right rating habits. It describes the correct composition bill of fare, eating disorders and the type of vending machines. The practical part of this thesis presents a survey of two primary schools in Prague, where was implemented data collection. Data collection was performed in 155 children with 75 boys and 80 girls in the age group 11-15 years. The aim of this research was to define the views and attitudes to vending machine and healthy rating based on an questionnaire. Children usually buy drinks from vending machine. The popularity of vending machine depends on the menu. It was define four hypotheses. Another survey finding that 35 % of children are on diet, 50 % of the children respect the principles of a healthy lifestyle, 32 % of children prefer sweetened beverages and 85 % of children sports. In the end, the author provides several recommendations at the schools based on school, families and communities. This mainly involves raising awareness of healthy nutrition in schools, both among teachers and children. Insertion of lectures, books and leaflets on healthy eating. Active use of counselling for healthy lifestyles. Selecting the right machines in schools.