

This bachelor thesis is emphasising the practical use of chemical elements at elementary schools and at corresponding grades of lower secondary schools. The theoretical part of the thesis focus on documents regulating the content of education at mentioned school types. Further on, the thesis discuss textbooks and further educational materials designed for the mentioned age group that deal with the use of chemical elements. At the end of the theoretical part there is described a didactic game as one of activation methods usable in teaching.

Practical part outline a design of a didactic game. The rules of the game are based on matching names of chemical elements with real objects containing these elements or their compounds. The attachment includes all the materials needed for playing this game.