Work named "Plants of *Lamiaceae* family – content substances and usage in education" solves plants (*Lamiaceae*) family, there content substances and possible usage in education. Work contains description of family and specifications the most important content substances. There are given and described most common representatives of this family. There is stated several exercises. These are intended for students of grammar schools and high schools. Some elements which are used in education of botanist were examined by survey.