## **Abstract**

The diploma thesis deals with the educational topic Viruses at a higher level of grammar schools. The theoretical part deals with the inclusion of the topic during school year, analyses available textbooks and other teaching materials, focuses on the theoretical side of the activation methods, and suggests teaching units. In the teaching units it mainly uses activation methods and methods targeting on critical thinking. In the practical part of the proposed teaching unit verifies in teaching, and evaluates their success in terms of the degree of remembering pupils.