

The dissertation's topic is poisonous plants and their use in instruction in an interdisciplinary context. This work provides information about plant psychotropic substances and their effects on human body. The dissertation seeks to highlight the importance of this topic in education and suggest its implementation in practice. The theoretical part is divided into chapters. The first chapter profiles current textbooks for elementary and high schools. It discusses poisonous plants, their substances, and, in some cases, warnings regarding their hazardousness. On these themes are localized also research of curriculum documents for elementary education and curriculum documents for high school. Chapter two contains more detailed information about poisonous plants that are most often mentioned in elementary and high school textbooks. The third chapter is about psychoactive plants, their possible use and misuse, and drug prevention in schools. This chapter resulted from the lack of information about first aid in textbooks. The practical part contains a questionnaire that assesses students' awareness of poisonous plants and drugs. The dissertation also contains suggestions for activities with poisonous plants in instruction.