

## **Abstract**

This thesis deals with the topic of monosaccharides structure and it is focused on the processing in the form of educational materials for secondary school. It is divided into two parts. The theoretical part is devoted to the analysis of curricular documents – Framework Educational Programmes and School Educational Programmes, then the analysis of secondary school textbooks and other educational materials. There is also the analysis of videos and animations. The practical part presents educational materials in the form of PowerPoint presentation and flash animations. There are also didactic notes which serve as a manual for lessons of chemistry on secondary school.