

The thesis deals with creation of worksheets for high school students who have attended the iQlandia science centre. There are the types of worksheets and tasks described in the first part of the thesis. Principles which should be held in the process of the worksheet creation are mentioned, too. The second part is dedicated to six worksheets created under the terms of the thesis assignment. There are didactic notes and comments added to all explanatory paragraphs and tasks contained in worksheets. All worksheets were tested at three high schools and were filled by students aged from 15 to 17 years. The percentage success of students in each task is mentioned in its description, too. A questionnaire was a part of the testing phase. Results coming from this small search are analysed in the thesis. All worksheets including their solution will be freely available at the website of the iQlandia science centre.