

## **ABSTRACT**

**This diploma thesis is dealing with the theme of use of the Botanic Garden in Teplice to teach Science – especially Botany at lower-secondary school. The thesis is divided into three parts. In the first part I'm dealing with mapping of botanic gardens in the Czech republic – mainly focusing on the Botanic Garden in Teplice.**

**In the second part I'm searching for theoretic information to create my own worksheets, and explanation of the teaching method – excursion according to the available specialized didactic literature.**

**In the third part I'm dealing with the analysis of questionnaire and according to the availably gained information with the creation of my own worksheets. After the questionnaire there were nine worksheets with the concrete teaching methodology of botany and methodological worksheets. Afterwards the worksheet called "Excursion itself" was verified. Altogether nine worksheets with the methodological outcomes were created. The pupils were filling in the worksheets during the excursion and then the pupils' questionnaire was made to gain the feedback.**

## **KEYWORDS**

**botanic garden, worksheets, excursion, questionnaire, methodological worksheets, pupils' questionnaire**