

## **Abstract**

This bachelor thesis covers the history as well as the current state of the Bečovská Botanical Garden. It concisely presents natural sciences and the possibility of incorporating field trips and educational programmes into elementary school education. The theoretical part also describes the educational activities offered by the Bečovská Botanical Garden. The following chapters cover the process of creating such educational activities as well as the activity sheets. In Chapter 5, QR codes are introduced, including their history and their use in non-education fields. Finally, QR codes in education are described in connection with the effort to individualize the education processes.

The practical part of this thesis focusses on the education programme created by the author for the lower-secondary school pupils as the Botanical Garden does not offer a programme for this age group. The created programme is based on using QR codes when exploring the Bečovská Botanical Garden. It consolidates and expands the pupils' knowledge and puts the newly acquired skills into practice. The programme also requires demonstrating observation skills and the ability to use a map to navigate an unknown area. The activity sheets, which are part of the appendix, have been created to complement the programme. The education programme will be used in practice in spring 2018.