

# Acid-base process

## PowerPoint presentation for secondary schools

### **Abstract:**

At the present time, the requirements for the quality of nature sciences education in secondary schools are steadily increasing. However, the time approbation for teaching is relatively limited. Using presentations is going to be a possible way to increase the effectiveness of educational process and to take the full advantage of teaching methods which have positive effect on the motivation and activation of students.

The goal of this Diploma work is to create a collection of teaching presentations in the MS PowerPoint application with a view to a part of general chemistry, i.e. the theme Acid-base process in the curriculum for four-year grammar schools or alternatively for higher years of longer grammar schools. These presentations are processed to be used in the real chemistry lessons in secondary schools.

The subject matter of the curriculum is divided into five chapters, one chapter corresponds to one presentation. In order to facilitate the orientation of potential user every presentation is provided with an accompanying text. The electronic version of presentations is attached to Diploma work.

### **Keywords:**

secondary school chemistry, general chemistry, acid-base process, student motivation, PowerPoint presentation