

ABSTRACT

Charles University in Prague – *Faculty of Science*
Department of Teaching and Didactics of Chemistry
Albertov 3, 128 40 Praha 2, Czech Republic

CARBON DIOXIDE IN SCIENCE EDUCATION (STUDY AIDS FOR GRAMMAR SCHOOL)

Bc. Lucie Kristlová

lucie.kristlova@gmail.com

In this thesis the principles of Framework Educational Programme and method IBSE alias Inquiry Based Science Education were summarized. The results of international research PISA 2006 were evaluated. In 2006 the focus was on scientific literacy. In the theoretical part the study supporting documents on the theme Carbon Dioxide were worked up. The documents would serve teachers of Chemistry and Biology mainly at the grammar schools. Methodically processed materials were created such as presentation, worksheet and subject matter of chemical experiments with the inclusion of the author solutions. The worksheet was verified by pupils at grammar school.