

Summary

Přírodovědecká fakulta
Katedra učitelství a didaktiky chemie
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Chemistry of the water, the air and the soil (Integrated education)

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In this thesis it was defined the conception „integrated education“. It was described the system of education in England, Norway, Spanish and Canada. These countries were chosen based on available origins. In this thesis were evaluated the advantages, disadvantages and the possibilities of integrated education. It was made an analysis of textbooks and the other materials for integrated education and the themes The Soil, The Water and The Air. For these themes there were made the presentations in the computer programme Microsoft PowerPoint, including methodical notes for teachers. For these themes were also proposed laboratory works, individual works and the job sheets related with this. All proposed materials include author's solutions and the teacher's preparing for lesson. All laboratory and individual works were implemented. One laboratory work was proved in school with the pupils.