

This bachelor thesis deals with the ways in which science (chemistry, physics, biology) and other related disciplines can be used in primary school children's leisure time activities. It presents a number of practical proposals as for how to make these subjects more accessible in an attractive way. The theoretical part briefly describes the individual subjects in question, a range of leisure-time facilities suitable for the intended activities, and specifies the characteristics of preschool children. The practical part brings a number of possible experiments in the given subjects, together with their description and practical implementation. The proposals for experiments and activities are based on everyday life. The aim of this thesis is to make these often not fully understood everyday life situations accessible to children in an interesting and playful way. The final reflection is aimed at the assessment of the suitability of the individual proposals, and their possible pitfalls and improvements.