

COMPARATIVE OVERVIEW OF VOCABULARY, WORDS DISTRIBUTION AND THEIR INTERRELATIONS ON ALTERTEXTS OF CHEMISTRY 9

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Abstract

Learning issues of the knowledge on natural sciences at secondary school level have been constantly a study object, with the goal of continuously improving the teaching methods and all the operational active actors in the whole process. The optimal acquisition of natural sciences knowledge is inextricably linked with the ongoing improvement of school texts of these subjects. This study takes in consideration the discipline of chemistry of the ninth grade, the three altertexts which are in use by our students. Despite the diversity factors affecting the learning and teaching process, this study focuses on the place of basic vocabulary used in these school texts. The purpose of the study is to evidence the interrelations of scientific dictionary with the general vocabulary, the frequency of the words used, the concepts evolution, the interrelations of basic concepts with other concepts, the connections between them. The graphical presentation shows the comparability of the altertexts used in our schools. The comparison with some of the basic texts used in different countries shows the confrontation between our teaching reality and the global developments in the field. This study might be used as a helpful material and gives suggestions on preparation of high quality school texts in the future for natural sciences in general, and more specifically for chemistry. At the same time, it will be useful for the new compilers in preparing high quality chemistry texts for the secondary level.

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