

On College Mathematics' Lacking of Coordination and Linking with That of Senior Middle School under the New Curriculum Criteria

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With the advance of the new round of mathematics curriculum reform of senior middle school,college mathematics curriculum and teaching had severely been out of keeping with those of senior middle school.Therefore,editor of college mathematics text book should refer to the Curriculum Criteria and the new text books of senior middle school and readjust the contents of corresponding subject in or on time.College mathematics teacher should also be sure of the differences between the new curriculum and the old ones of middle school and take corresponding strategies in connecting up the contents between the curriculum in his teaching and the new one of senior middle school on the base of detailed comparison between them.

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This study investigates difficult topics in the senior secondary school Mathematics curriculum as perceived by student teachers. The study also investigated the influence of teachers teaching experience and gender differences on their perception of Mathematics topics. The participants consisted of 30 male and 30 female students drawn from two tertiary institutions in Lagos state through stratified random sampling procedure. The relevant data were generated using Mathematics Topic Difficulty Assessment Questionnaire (MTDAQ). An Investigation of Difficult Topics in the Senior Secondary School Mathematics Curriculum as Percei Akanni Olubukola. Science and Education Publishing. Among primary school subjects, mathematics has been at the centre of reform in basic education (Awofala & Awolola, 2011) and mathematics curriculum has also been regarded as a very core aspect of mathematics education at the basic education level (Awofala & Awolola, 2011). 2. History of Curriculum Development in Mathematics Education at the Primary and Junior Secondary Schools in Nigeria. Colleges swung into action and met at the University of Ibadan in February 1977. The Task Force had the following terms of reference: Volume 5 Number 1, 2012. 20 Adeneye O. A. Awofala. The conference adopted the NERC primary syllabus and curriculum with only minor modification while that of the CESAC secondary He created schools of mathematics, navigation, artillery, and engineering for utilitarian purposes. In 1725 an Academy of Sciences with a university and a gimnaziya (secondary school) was founded at St. Petersburg. The Classical curriculum pattern, comprising basically Latin, Greek, mathematics, philosophy, and theology, was to be essentially preserved in the French Canadian development of collèges classiques for secondary education. Outside New England, education remained the preserve of those who could afford to send their children to private schools, although the existence of privately supported but tuition-free charity schools and of relatively inexpensive "academies" made it possible for the children of the American... United States: An age of reform.

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