

## **EVALUATION OF LEARNING ACTIVITIES AND CHAPTER SUMMARIES OF APPROVED PHYSICS TEXTBOOKS IN EBONYI STATE SECONDARY SCHOOLS IN NIGERIA**

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### **ABSTRACT**

The study evaluated learning activities and chapter summaries of approved physics textbooks in Ebonyi State of Nigeria. Two research questions and one hypothesis guided the study. The study employed evaluation research design. Eighteen secondary schools and eighteen teacher were drawn from the three education zone through simple random sampling and stratified random sampling respectively. A 5-point quantitative approach for content evaluation of science textbooks (QACEST) was used as the instrument for data collection. It adopts a set of 5 criteria which includes topical coverage, learning activities, study questions, illustration and chapter summary. The QACEST formula was used to answer the research questions while the hypothesis was tested using chi-square test of goodness-of-fit. The findings revealed among others that only one out of four physics textbooks in Ebonyi state secondary schools had adequate learning activity index. Thus the physics textbooks in Ebonyi State secondary schools do not have adequate learning activity and appropriate chapter summary. Based on these findings, conclusions were drawn and recommendations made.

**KEYWORDS:** Physics, Learning Activity, Chapter Summary, Adequacy, Appropriateness, QACEST