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NEEDS AND STRATEGIES FOR CURRICULUM REFORM IN CHEMISTRY EDUCATION FOR SUSTAINABLE DEVELOPMENT IN SECONDARY SCHOOLS

*¹BANKOLE, I. S. AND ²SANYAOLU, O. P.

¹Department of Science Technology, Gateway Institute of Technology, Igbesa, Nigeria.

²Department of Educational Research, Soap.com Scientific, Limited, Ikeja, Lagos, Nigeria.

*Corresponding Author: ibankole@gmail.com, +2347013912774

ABSTRACT

Education is the life wire and indispensable variable in any sphere of sustainable development of a nation. Effective chemistry education is an essential integral for both science and technology sustainable development. The latter cannot be attained without curriculum. Curriculum is a stepwise planned scheme focus on attainment of the set goals. These include attainment of prescribed skills and competence through knowledge empowerment; for sustainable development of the economy. This study reviewed the issues on the need for developing a new curriculum and the strategies of achieving this goal for chemistry education in secondary schools. We concluded that such new curriculum must practical and skill centered, while the teachers must be trained on the needed expertise that support the attainment of its goals, in order to make it relevant in this jet age of national rapid development.

Keywords: strategies, curriculum, chemistry education, sustainable development, secondary schools.