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Mathematics Education for Dynamic Economy in Nigeria in the 21st Century

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KEYWORDS Mathematics education; dynamic economy; science technology; nation building

ABSTRACT The Nigeria economy requires Mathematics that can effectively put science and technology in the for-front of nation building. This paper reviewed the role of Mathematics in Science and Technology and the nature of Mathematics that would facilitate the realization of a dynamic economy. The challenges of Mathematics education in the 21st century were highlighted to include: i. Incorporating new developments in Science and Technology into Mathematics, ii. Acceleration of programs for the continued professional development of teachers; and iii. Need for Mathematics educators to find new assessment instruments that reflect the new expectation of mathematics education.