

Publications

1.1 Books

- 1 Scott, P. and Akinsola, M.K. (2006). Number Fun 6. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 2 Scott, P. and Akinsola, M.K. (2006). Number Fun 5. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 3 Scott, P. and Akinsola, M.K. (2005). Number Fun 4. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 4 Scott, P. and Akinsola, M.K. (2005). Number Fun 3. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 5 Scott, P. and Akinsola, M.K. (2005). Number Fun 2. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 6 Scott, P. and Akinsola, M.K. (2005). Number Fun 1. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 7 Scott, P. and Akinsola, M.K. (2006). Number Fun 0. Primary Mathematics (Nigeria Edition). Bounty Press Limited, Ibadan.
- 8 Akinsola, M.K., Ejike, M.C., and Tella, A. (2005). Effective Mathematics for Junior Secondary Schools, Book 3. Evans Brothers (Nigeria Publishers) Limited.
- 9 Akinsola, M.K., Ejike, M.C., and Tella, A. (2005). Effective Mathematics for Junior Secondary Schools, Book 2. Evans Brothers (Nigeria \ Publishers) Limited.
- 10 Akinsola, M.K., Ejike, M.C., and Tella, A. (2005). Effective Mathematics For Junior Secondary Schools, Book 1. Evans Brothers (Nigeria \ Publishers) Limited
- 11 Ejike, U.B.C.O, Akinsola, M.K, Ihejieta, M.O., Udon, M.O., and Egbo, I. (2004). Excel in Junior Secondary School Certificate Examination in Mathematics, Erudite Global Publishers Ltd, Owerri, Nigeria.
- 12 Moronkola, O.A., Akinsola, M.K. and Abe, C.V. January. (2000). *The Nature of Curriculum*, Ibadan, Royal People Nigeria Ltd.

Chapter in Books

- 13 Akinsola, M.K. (2009). Comparison of Prospective and Practicing Teachers'™ Mathematics Efficacy Beliefs Regarding Mathematics Schlgmann (Ed.) *Beliefs and Attitudes in Mathematics Education: New Research Results*. Sense Publishers. Holland. P.135-148. [HOLLAND]
- 14 Akinsola, M.K and Ajiboye, J.O. (2009). School reform: A case study of Primary Education in Botswana. In James, V. & Etim, J.S. (Eds.). Edwin Mellen Press. [USA]

- 15 Akinsola, M.K. and Olaoye, A.A: (2008) A glimpse into mathematics curriculum development and implementation in Nigerian Primary and Secondary School. In Richard K. Coll and Neil Taylor (Eds.). Sense Publishers, Rotterdam/Taipei, p251-260. [HOLLAND]
- 116 Akinsola, M. K., Ogunleye, B.O. (2003). Improving mathematics and science curricula at the implementation Stage. Bamisaiye, O.A., Nwazuoke I. A., Okediran, A. (Eds). *Education This Millennium: Innovations in Theory and Practice*. Macmillan Nigeria Publishers Limited Ibadan. pp. 211-218

- 17 Akinsola, M.K. (2002). New Directions in School Mathematics. In James A. Ajala (Ed.). *Designing Content of the Curriculum*. A guide to Practice. MayBest Publications. Ibadan. 70-88.

- 18 Akinsola, M.K. (2002). Developing Mathematics and Computer Teacher Education Programme in Nigeria. In Mansary and Osokoya (eds.) Book of Reading in honour of Prof. Ebo Ubahakwe. *Curriculum Development at the turn of the century: The Nigerian Experience*. The Department of Teacher Education, U.I. Ibadan. 111-125.

19 Akinsola, M.K. and Igwe, I. O. (1999). Students' Perception of Degree of Difficulty of Chemistry Concept in Technical Colleges of Education in Nigeria. *Development Issues in Africa* (A Book of Reading in Olaniyan, D. A. (Ed.) pp. 132 - 149.

20 Akinsola, M.K. (1999): Student Teacher Perception of Objective, Issues and Problem of Teacher education Programme. In Adepoju, T., Folorunso, D. And Danmole, B. (Eds.). *Science Education and Evaluation in Africa*. Ibadan, The Gift Communication. Pp. 210 - 218.

21 Akinsola, M.K. (1999): STM Teacher Education: Some Themes of General Interest. In Abimbade, A. (Ed). *Teaching and Teacher Preparation in the 21st Century*. Book of Reading in Honour of Prof. T.A. Balogun. Department of Teacher Education. Pp.196-202.

22 Akinsola, M.K. (1999) Introduction to Teaching Profession. In Ogunsanya M.A. and A. Adeyanju (Eds.). *Basic Education: Fundamentals Principle of Education*. Ibadan, Anderian Publication Series. Pp. 145-150.

23 Akinsola, M.K. (1999): Factors Inhibiting the Learning of Mathematics. In Obemeata, J.O., Ayodele, S.O. and Araromi, M.A. (Eds.). *Evaluation in Africa*. Book of Reading in Honour of Prof. Ayodele Yoloye. Ibadan, Stirling-Horden Publisher Company, pp 175-184.

24 Akinsola, M.K. (1999). Mathematics Curriculum in the Primary and Secondary Schools. In Ayo Dada (Ed.). *The Teacher and the Curriculum*. Ibadan, Tajana General Enterprises. pp 124-134.

3.3 Refereed Journal Articles.

25 AKINSOLA, M.K. (2009). Students avoidance strategies and mathematics achievement. *West African Journal of Education*, Vol.29, 22-32.

26 Akinsola, M.K. & Awofala, A.O.A. (2009). Effect of Personalization of Instruction on Students Achievement and Self-Efficacy in Mathematics Word Problems. *International Journal of Mathematics Education in Science and Technology*. Vol.40 (3), pp 389-404. [UK]

27 Akinsola, M.K & Ifamuyiwa, S.A. (2008). Effect of Two Programmed Instructional Strategies on Senior Secondary School Students Mathematical Achievement. *African Journal of Research in Mathematics, Science and Technology Education*. Vol.12 (2), p 81-96. [SOUTH AFRICA]

28 Ifamuyiwa, S.A. & Akinsola, M.K. (2008). Improving Senior Secondary School Students Attitude towards mathematics through self and cooperative Instructional Strategies. *International Journal of Mathematics Education in Science and Technology*. Vol.39 (5), p 569-585. [UK]

29 Akinsola, M.K. & Awofala, A.O.A. (2008): Effects of Problem Context and reasoning Complexity on Mathematics Problem-Solving Achievement and Transfer of Secondary School Student. *European Journal of Scientific Research*, Vol.20 (3),p641-651. [AUSTRIA]

30 Akinsola, M.K., & Olowojaiye, F.B. (2008). Teacher Instructional Methods and Student Attitudes towards Mathematics. *International Electronic Journal of Mathematics Education*, Vol, 3(1), p. 63-79 [Turkey]

- 31 Akinsola, M.K. (2008). In-service Mathematics Teacher's Beliefs about Mathematics Teaching and Learning. *European Journal of Social Sciences*, Vol.5 (4), pp.137-141. [AUSTRIA]
- 32 Akinsola, M.K. (2008). Relationship of some psychological variables in predicting problem solving ability of in-service mathematics teachers. *The Montana Mathematics Enthusiasts*, Vol.5, No 1, pp 79-100. [USA]
- 33 Akinsola, M.K, Tella, A and Tella, A. (2007). Correlates of Academic Procrastination and Mathematics achievement of University undergraduate Students. *Eurasia Journal of Mathematics, Science, and Technology Education*, 3(4), p. 363-370. [Turkey]
- 34 Olaoye, A.A. & Akinsola, M.K. (2007). Effect of Annotated Strategy on the Learning Outcomes in Mathematics. *Indian Journal of Mathematics Teaching*. Vol.33 (1&2), p 2-7.[India]
- 35 Akinsola, M.K.,and Animasahun, I.A.(2007). The Effect of Simulation-Games Environment on Students Achievement in and Attitudes in Secondary School Mathematics. *The Turkish Online Journal of Educational Technology*, Vol.6 (3), p113-119. [Turkey]
- 36 Lawal, B.O., Awoleye, J.O., & Akinsola, M.K.(2007) Motivation as a Determination of Teacher's Performance in Secondary School Social Science Subjects. A Case Study of Ibadan South-East Local Government of Oyo State, Nigeria. *The Social Sciences*, Vol.2 (4), pp 385-393.[Pakistan]
- 37 Olaoye, A.A. and Akinsola, M.K. (2007). Learner Skills Improvement of Inverse Squared Matrix in Mathematics Using Computerized Instruction. *Research Journal of Applied Sciences*, 2(5), pp 606-610. [Pakistan]
- 38 Olaoye, A.A.and Akinsola, M.K. (2007). Classroom Interactions and Mathematics Achievement. *Pakistan Journal of Social Sciences*. 4(2), pp. 287 - 295. [Pakistan]
- 39 Ayodele, J.B, Popoola, A. A, and Akinsola, M.K. (2006). Gender Analysis of Students Enrolment and Academic Staff in University of Ado-Ekiti, Nigeria. Implications for Women Emancipation. *The African Symposium*, 6(3&4
[USA]
- 40 Akinsola, M .K).and Olowojaiye, F.B. (2005). The Effect of Behavioural Objective-Based and Study Question-Based Instructional Strategies on Students Cognitive Achievement in Senior Secondary Mathematics Achievement in Lagos State. *Indian Journal of Mathematics Teaching*. 31(1&2), p 7 - 17 [India]
- 41 Akinsola, M. K. and Popoola, S. (2004).A Comparative Study of the effectiveness of two strategies of solving mathematics problems on the academic achieving of secondary school students. *Journal of the Mathematical Association of Nigeria*, 29(1). Pp.67-76.
- 42 Akinsola, M.K., Tella, A. (2003).Effectiveness of Individualistic and Cooperative Teaching Strategies in Learning Geometry and Problem Solving in Mathematics among Junior Secondary Schools. *Journal of Personality Study and Group Behaviour*.Vol.23. pp 95-105. [India]

43 Akinsola, M. K., Oginni, A. M., Rasheed, o. s. (2003).The Application of Selected Philosophical Concepts to Children's Learning of Basic Science and Mathematics. *International Journal of Children-in-Science and Technology*.1 (2), pp 10-21.

44 Akinsola, M. K. and Igwe, I. O. (2002). The Relative Effect of Metacognitive Strategy of Framing on Student's Achievement in selected Difficult Chemistry topic. *Journal of the science Teachers Association of Nigeria*, 37(1&2), pp 20-28.

45 Akinsola, M.K. (2002): In Service Elementary Teacher's Mathematics Anxiety and Its Relationship to Teacher's Attitude towards the Studying and Teaching of Mathematics: *NigerianJournal of Applied Psychology*. 7(1), pp 188-202.

46 Akinsola, M.K. and Igwe, I.O (2001). Effect of Team- Assisted Individualized Instruction on Student's Achievement in Selected Chemistry Concepts. *Journal of Technical and Science Education*, 10(1&2), pp 42-56.

47 Akinsola, M. K. and Tella, A. (2001). Diagnosis of Pupi'ls Difficulties and Errors in Learning Mathematics in Primary School in Ibadan. *Ibadan Journal of Education*. 1(1), pp.118 -127.

48 Akinsola, M.K (2000).Instructional Methods Employed by Mathematics Teachers: A managerial approach. *African Journal of Educational Planning and Policy Studies*.3 (1), pp.25-32.

49 Akinsola, M. K. (2000). Teacher's Perception of Communication and Language Skill in Mathematics Teaching and Learning Situation. *African Journal of Educational Research*, 6(1&2), 100 - 113.

50 Adedoja, G. O. and Akinsola, M. K. (1999).The Use of Instructional Media in Enhancing Adult Achievement in Numeracy and Attitude. *Nigeria Journal of Advanced Research in Education*, 3(1), 129 -1999.

51 Akinsola, M.K. and Tijani, T.C. (1999). Relationship between Mathematics Self-concept and Mathematics Achievement. *Nigerian Journal of Applied Psychology*, 5(2).Pp. 260-247. (60% Contribution).

52 Akinsola, M.K. (1999): Effects of Instruction on Students Performance on Knowledge, Comprehension and Application Tasks in Mathematics. *African Journal of Educational Research*, 5(1), 94-100.

53 Akinsola, M.K. (1997): Reward System in Cooperative Learning As A Factor Affecting Mathematics Achievement. *Journal of Research in Education*. 1(1), 122-128. (100% Contribution).

54 Akinsola, M.K. (1994): Effect of Using Mother Tongue on Students' Achievement and Attitude towards Mathematics: *Nigeria Journal of Developmental Issues: Education, Social, Political and Economic Development*. 1(2), 96-106.

55 Akinsola M.K. (1994): Effect of Enhanced Mastery Learning Strategy on Achievement and Self-Concept in Mathematics. *Journal of the Science Teachers Association of Nigeria*. 29(1&2), 65-71.

3.4 Articles in Refereed Proceedings

56 Akinsola M. K. (2010). Science and Mathematics Teacher's Perception of Continuing Professional Development Programmes in Nigeria. Paper presented at STEM in Education Conference, at Queensland University of Technology, Brisbane, Australia 20- 27 November 2010.
<http://stem.ed.qut.edu.au/index.php/conference-proceedings.html> [AUSTRALIA]

57 Akinsola, M.K. (2009). Examine the relationship between learning styles and mathematics anxiety of elementary pre-service teachers in Botswana. In Fulvia Furinghetti and Francesca Morselli (ed.). Ongoing research on mathematical beliefs. Proceedings of MAVI 15 conference, September 8-11, held in Genoa. [ITALY]

1. 58 Akinsola, M.K. & Afolabi, S.A (2008). Comparative effects of problem solving and Advanced organizer instructional strategies on mathematics word problems on student's achievement. Proceeding of The Third International Conference in Mathematical Sciences ICM 2008, Al-Ain, Dubai, held at United Arab Emirates University, Al-Ain, Dubai between March 3-6, 2008. www.fos.uaeu.ac.ae/departments/mathematical/.../ICM2008_Volume_1.pdf [UAE]

59 Akinsola, M.K. and Tella, A. (2007). Student's Conceptions about Mathematics Teaching in Botswana and Nigeria. In Attorps, I., & Kellner, E. (Eds.). Proceeding of MAVI 13 Conference, Conceptions and Beliefs in Mathematics and Science Education, Galve, Sweden. pp 10 - 15. (SWEDEN)

60 Akinsola, M.K. (2006). In-service mathematics teacher's beliefs about mathematics teaching and learning. In Kirsti & Markku S. Hannula (Eds.) Current State of Research on Mathematics Beliefs XII. Proceedings of MAVI 12 Conference, May 25-28, p 1- 9. [FINLAND]

61 Akinsola M.K. (2006): Preparing Elementary Mathematics Teachers for Tomorrow's World: Expectations and Challenges. In M.K. Akinsola, Mapolelo, D, Mosothwane, M, & Bose, K. (Eds.). Achieving universal basic/primary education in Africa in 2015: Myth or reality. University of Botswana African Conference on Primary/ Basic Education. Retrieved 15th January 2008
http://www.ub.bw/ubacpbe2006/documents/conference_proceedings.pdf p 511-518 (BOTSWANA)

62 Akinsola, M. K. (2000). Mathematics Language of the New Millennium. Implications for Students and Society. *Proceedings 37th Annual Conference of Mathematical Association of Nigeria*. p. 130 - 135.

63 Akinsola, M. K. (2000). Enriching Science, Technology and Mathematics Education. Effect of Resources Utilization on Student's Achievement in Geometry. *41st Annual Conference Proceeding of the Science Teachers Association of Nigeria (STAN)*. Pp. 289 - 291.

64 Akinsola, M.K. (1999). Mastery Learning, Cooperative Mastery Learning International Conference of the European Science Education Research Association .E.S.E.R.A. August 31-September 4, 199, Kiel,.
<http://www.ipn.unikiel.de/projekte/esera/book/bi32-aki.pdf> Germany