

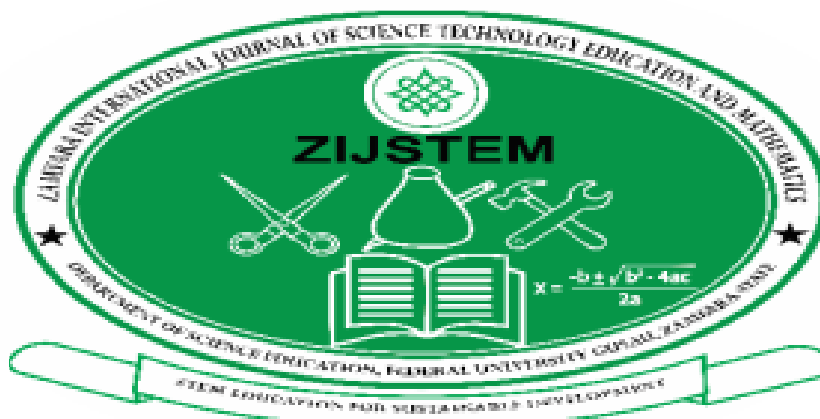


Zamfara International Journal of Sci. Tech. Educ. & Mathematics
The Official Journal of the Department of Science Education
Federal University Gusau, Zamfara State, Nigeria
Volume 3, Number 3, September, 2026
ISSN: 2251 – 0974



www.foefugusau.com.ng
des@fugusau.edu.ng
DOI: <https://doi.org/10.64348/zije.2026615>

**ZAMFARA INTERNATIONAL JOURNAL OF SCIENCE TECHNOLOGY EDUCATION AND
MATHEMATICS (ZIJSTEM)**



**A PUBLICATION OF THE DEPARTMENT OF SCIENCE EDUCATION,
FEDERAL UNIVERSITY GUSAU, ZAMFARA STATE, NIGERIA**

ISSN: 2251-0974

VOLUME THREE 3, NUMBER 3, SEPTEMBER, 2026

INDEXED IN:
OpenAIRE
The Official Indexing Partner of the European Commission (EU),
Google Scholar

<https://doi.org/10.64348/zije.2026616>

Website: foefugusau.com.ng
E-mail: des@fugusau.edu.ng



COPYRIGHT:

Department of Science Education, Faculty of Education, Federal University Gusau, Zamfara State, Nigeria

DISCLAIMER:

Every Author is solely responsible for the views and styles expressed in the articles published in this journal. The views are not necessarily shared by reviewers, the Editorial Advisory Board, the Department of Science Education, Federal University Gusau, Zamfara State, Nigeria

OPEN ACCESS STATEMENT:

This publication is licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0). This is an open access journal which means that all content is freely available without charge to the user or his/her institution. Users are allowed to read, download, copy, distribute, print, search, or link to the full texts of the articles, or use them for any other lawful purpose, without asking prior permission from the publisher or the Author. However, Authors retain copyright and full publication rights.

REPOSITORY POLICY

Authors are free to deposit their papers in all versions including submitted, accepted and published version in any institutional or other repository of their choice without embargo from the ZIJSTEM. Thus, published source must be acknowledged with citation.

PUBLISHED BY:

Department of Science Education, Faculty of Education, Federal University Gusau, Zamfara State, Nigeria.

TECHNICAL SUPPORT BY:

Teknize Innovative Digital Solutions, Ahmadu Bello University, Zaria, Kaduna State, Nigeria.
www.teknize.com



EDITORIAL BOARD MEMBERS

Editor-In-Chief/chairman Editorial Board	Professor Bashir Suleiman Mathematics Education
Associate Editor/Head, Science Education Department	Dr. Nuhu Ishaq Lawal Vocational & Technical Education
Editor/Dean, Faculty of Education	Professor Umar Sodangi Mathematics Education
Editor	Professor Amos Shaibu Chemistry Education
Editor	Professor M. M. Atadoga Physics Education
Editor	Professor A. K. Tukur Educational Technology
Editor	Professor C. Dikki Physical & Health Education
Publication Editor	Dr. Yakubu A. Abdullahi Chemistry Education
Editor	Dr. Akilu Ismail Biology Education
Editor	Dr. Ganiyu Adedo Chemistry Education
Editor	Dr. Marvelous Ogunjobi Physics Education
Secretary, Editorial Board	Adamu Ibrahim Mathematics Education

CONSULTING EDITORS

Professor A. S. Haruna	Maryam Abacha American University of Nigeria, Kano State
Professor J. S. Marie	Ahmadu Bello University, Zaria, Kaduna State
Professor Dantani I. Wushishi	Federal University of Technology, Minna
Professor Rabi Muhammad	Usmanu Danfodiyo University, Sokoto
Professor Babawuro Shuaibu	Abubakar Tafawa Balewa University, Bauchi
Professor A. K. Tukur	Usmanu Danfodiyo University, Sokoto
Professor A. I. Gambari	Federal University of Technology, Minna
Professor Amos Shaibu	Ahmadu Bello University, Zaria, Kaduna State
Professor M. A. Yushau	Abubakar Tafawa Balewa University, Bauchi
Professor M. M. Atadoga	Ahmadu Bello University, Zaria, Kaduna State
Professor Caleb Bolaji	Ahmadu Bello University, Zaria, Kaduna State



EDITORIAL NOTE

Zamfara International Journal of Science Technology Education and Mathematics (ZIJTEM) is the official Journal of the Department of Science Education, Faculty of Education Federal University Gusau Zamfara State, Nigeria. The Journal publishes articles of diverse fields of interest in Sciences, Technology, Education and Mathematics. Papers reporting original research and extended version of already established conference and journal articles are welcomed. Papers for publication are selected through peer review process to ensure originality, relevance and readability. ZIJSTEM is published quarterly which spans throughout the year i.e. March, June, September and December, respectively.

The aim and scope of the journal is to provide an academic medium and an important reference for the advancement and dissemination of information that supports high level learning, teaching and research in the fields of Sciences, Technology, Education and Mathematics.

The articles in this volume are academic and professional discourse written by reputable scholars in their area of specialization.

Professor Bashir Suleiman

Editor-in-Chief/ Chairman Editorial Board



FORWARD

On Behalf of the staff and students of the Department of Science Education, Federal University Gusau, Zamfara state, Nigeria, we humbly acknowledge and thank Allah (S.W.T) the most beneficent, the most merciful for without his will, collection and computation of this journal publication would not have been possible. May all praise be ascribed unto Him. The department is sincerely grateful to its accommodating mentor Prof. Tukur Adamu, Vice Chancellor, Federal University, Gusau and his management team for giving the department enabling environment for academic activities. The department's profound gratitude goes to Prof. Umar Sodangi who doubled as the Dean, Faculty of Education, Federal University, Gusau and Associate Editor of Zamfara International Journal of Science, Technology, Education and Mathematics (ZIJSTEM). Furthermore, Special gratitude goes to our contract and visiting Professors, the staff and students of the Department of Science Education, Federal University, Gusau, for their supports and foresight towards actualizing the dream of the department.

The Zamfara International Journal of Science, Technology, Education and Mathematics (ZIJSTEM) is a brain child of Department of Science Education with the aim of bringing science and technology education into global and well recognized journals of science and technology education research. This is first of its kind, among Science Education Departmental Journals in Northwest, Nigeria and by extension one of the highly placed departmental journals in Nigeria, considering its online visibility and originality, based on well-known global best practices.

Dr. Nuhu Ishaq Lawal

Associate Editor/Head of Department,
Science Education, Faculty of Education,
Federal University, Gusau



CALL FOR ARTICLES

The Zamfara International Journal of Science, Technology, Education and Mathematics (ZIJSTEM) calls for scholarly articles for review and possible publication in its next edition (Volume 3, Number 4, December, 2026), ZIJSTEM publishes articles that emphasizes on research development and application within the field of Sciences, Technology, Education and Mathematics. All manuscripts are reviewed by editorial review committee. Contributions must be original, not previously or simultaneously published elsewhere, and are critically reviewed before they are published. Papers, which must be written in English language, should have good grammar and proper terminologies.

PLAGIARISM POLICY

ZIJSTEM is committed to maintain high standards through an in-depth peer review process with sound ethical policies. Any infringements of professional ethical codes, such as plagiarism; including self-plagiarism, fraudulent use of data are seriously frowned at by the journal with zero tolerance.

ZIJSTEM implements the code of conduct of Committee on Publication Ethics (COPE), and uses the COPE flowcharts for resolving cases of suspected plagiarism or any publication misconduct. Hence, prospective articles are subjected to plagiarism assessment test to estimate the percentage of originality of the papers. Hence, Plagiarism threshold of $\leq 20\%$ is recommended.

In order to avoid plagiarism cases with ZIJSTEM, the following guidelines must be strictly adhered to by the Authors;

1. Authors should ensure that they have written entirely original works, and if Authors have used the work and/or words of others then, this has to be appropriately cited or quoted.
2. An Author should not, in general, publish manuscripts describing essentially the same research in more than one journal or primary publication. Submitting the same manuscripts to more than one journal concurrently constitutes unethical publishing behavior and is unacceptable.
3. Proper acknowledgement of the work of others must always be adhered to. Authors should cite publication that have been influential in determining the nature of the reported work

EDITORIAL GUIDELINES

1. Manuscripts including references, appendices, tables and diagrams should be double-spaced and single coded on A4 paper with generous margins (at least $\frac{1}{2}$.5cm).
2. Title should be explicit and not more than 19 words.
3. Title page should be arranged as follows: Title, Author (s) full name, affiliation, full addresses, email addresses and phone numbers.
4. Abstract should be single line and not more than 250 words.
5. For conceptual papers, the body should have appropriate headings were necessary
6. For empirical papers, it should be presented in the following order; Introduction, Objectives of the study, Research questions and/or Hypothesis, Methodology, Results, Discussion of Findings, Conclusion and Recommendations.
7. Acknowledgement (if any)
8. Quotations of more than 40 words should be indented and typed single spacing with indication of the pages where the quotes were lifted
9. In-text citations should follow APA 7th edition format
10. References should be in range with 7th edition of APA style



11. Each table and figures should be presented within the manuscripts, with a brief and self-explanatory title
12. All text within the table should be clearly eligible, and all graphics and legends should be easily distinguished when printed in black and white
13. Tables should be in in horizontal line only, with only blank space to separate column
14. Tables and figures that may be included in the main text of the paper should be numbered separately, in the sequence that they are mentioned in the text.
15. Figures should be saved in a neutral data format such as JPEG, TIFF OR EPS.

SUBMISSION OF MANUSCRIPTS & ASSESSMENT FEE

Manuscripts for Volume 3. Number 4, with an evidence of a non-refundable assessment fee of five thousand Naira (N5000:00) only per manuscript should be forwarded electronically to the Editor-In-Chief or Publication Editor via; des@fugusau.edu.ng on or before December 20, 2026. Furthermore, upon acceptance of manuscript for publication a non-refundable publication fee of Thirty thousand naira (N30,000:00) will be required for online version per manuscripts. Furthermore, a comprehensive e-book will be made available.

Dr. Yakubu A. Abdullahi

Publication Editor

abdullahiyakub@fugusau.edu.ng

07065699399



TABLE OF CONTENTS

S/N	Authors, Paper Title and DOI Index	Pages
1	IGBUNU, Richard Ohenerume (2026): Leveraging on Artificial Intelligence Technology in Boosting Cassava Production in Nigeria: The Gains and Constraints — https://doi.org/10.64348/zije.2026560	1-8
2	IGOMU, Ochanya Ruth & UMORU, Raphael Sunday (2026): Influence of Traditional Institutions on Community-Driven Developmental Projects in Otukpo Local Government Area, Benue State, Nigeria — https://doi.org/10.64348/zije.2026561	9-14
3	AKANBI, Abdulrasaq Oladimeji., YUSUF, Aishat Abdulqadir., OLA-ALANI, Eniola K. & JIMOH, Saidu Bolakale (2026): Effects of Reggio-Emilia Approach on Engagement and Achievement in Physics-related Concepts among Upper Basic School Students in Ilorin, Kwara State, Nigeria — https://doi.org/10.64348/zije.2026562	15-26
4	ADEYANJU, Similoluwa Iyabo & SHAIBU, Leonard (2026): Qualitative Study on Managing Student Welfare Services and Educational Stability during the period of Post ASUU Strike in Nigerian Public Universities: A Review — https://doi.org/10.64348/zije.2026563	27-36
5	APEH, Grace Ene., UMORU, Raphael Sunday & ONMONYA, Ogezi Cephass (2026): Assessment of Farmers Attitude on Payment of Agricultural Extension Services in Otukpo Local Government Area, Benue State, Nigeria — https://doi.org/10.64348/zije.2026564	37-46
6	ARZIKA, Muhammadu Kabiru & USMAN Muhammad (2026): Integration of Pragmatic Pedagogical Approaches in Basic Science and Technology Education Teaching among Post-Basic Schools in Nigeria: A Systematic Review — https://doi.org/10.64348/zije.2026565	47-54
7	OLATUNBOSUN, Mujidat Lukman & IBRAHIM, Aminu (2026): Correlation Between Integration of Artificial Intelligence-Assisted Instruction and Self-Efficacy in Biology Teaching and Learning among Secondary School Students in Gusau, Zamfara State — https://doi.org/10.64348/zije.2026566	55-63
8	KAMILU, Habibu., YUSUF, Mansur & ISHAQ, Rayyanatu (2026): Effect of Curriculum Evaluation on Academic Achievement among Secondary School Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026567	64-70
9	EMODI, Comfort Chinwendu & BUSA, Abdul'aziz Inusa (2026): Correlation Between Video-Based Learning Resources and Digital Library Platforms on Academic Performance among Business Education Students in Federal University Dutsin-Ma, Katsina State — https://doi.org/10.64348/zije.2026568	71-77
10	FAKAA, Gbaden Stanley., KPINRANYAM, Felix Sesugh & AJIO, Comfort Erdoo (2026): Effect of Model-Aided Inquiry-Based Learning on Academic Performance in Basic Science among Students with Varied Reasoning abilities in Benue State, Nigeria — https://doi.org/10.64348/zije.2026569	78-88



11	ORGA, Fidel Sewuese & ADAMS, Daniel Odeh (2026): Assessment of Digital Technology-Enhanced Approach on Social Studies Learning among Secondary School high ability Learners in Makurdi Local Government Area, Benue State, Nigeria — https://doi.org/10.64348/zije.2026570	89-99
12	MAFARA, Rabiya Musa., HARUNA, Ibrahim & ALMUSTAFA, Jibril (2026): Correlation Between Campus Security Measures and Effective Management of Zamfara State University, Talata Mafara, Nigeria — https://doi.org/10.64348/zije.2026571	100-110
13	MUKHTAR, Nuraddeen., ADAMU, Kabiru., SULEIMAN, Datti Adam & ISMAIL, Abdulaziz (2026): Effect of Jigsaw IV Instructional Strategy on Retention in Calculus among National Diploma Polytechnics Students in Kaduna State, Nigeria — https://doi.org/10.64348/zije.2026572	111-117
14	YUSUF, Galadanchi Nuraddeen., BUHARI, Aminu & MUHAMMED, Mustapha (2026): Comparative Influence of Digital and Practical-Based Instructional Strategies on Academic Achievement among Secondary School Technical Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026573	118-126
15	ABDULKARIM, Umar Abubakar., AWOLUSI, Bayo Ezekiel., KEPHAS, Dachhol Kemshakat., ABDURAHEEM-OLANIYI, Latifat & HARUNA, Umar (2026): Correlation Between Access and Utilization of Digital Tools for Instruction Among Federal Tertiary Institution Lecturers in Kaduna State, Nigeria — https://doi.org/10.64348/zije.2026574	127-138
16	JATAU, Alexander., LAMBAYA, Ibrahim Daniel., GOJE, Lois & ELAIGWU, Alechenu Mark (2026): Perceive Effect of Integrating ChatGpt in Learning Sciences Among Secondary School Students in Kaduna North, Kaduna State, Nigeria https://doi.org/10.64348/zije.2026575	139-147
17	CHARLES, Isaac Hyeltiuda., GUYAH, Patience & DECKER, Evelyn Omolara (2026): Awareness, Adoption and Perceived Impact of Artificial Intelligence Utilisation among Professional Diploma Students of Ahmadu Bello University, Zaria, Kaduna State — https://doi.org/10.64348/zije.2026576	148-156
18	AHMED, Ibrahim & MAHMUD, Muhammad Yahaya (2026): Effects of Real Objects and Posters on Academic Performance in Biology among Secondary School Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026577	157-162
19	AIDEYAN, Chioma Maryjane & OBAZEE, F. A. (2026): Correlation Between Pre-School Teachers' Grit and Work Engagement among Nursery Schools in Benin City, Edo State, Nigeria — https://doi.org/10.64348/zije.2026578	163-172
20	EKAINU, Justina & UMORU, Raphael Sunday (2026): Assessment of Local Government Administration on Socio-Economic Development in Otukpo Local Government Area, Benue State, Nigeria — https://doi.org/10.64348/zije.2026579	173-181
21	KABIR, Hussaini & KABIR, Abdullahi (2026): Effects of Computer-Designed and Mind Mapping Strategies on Achievement and Interest in	182-192



	Genetics among Secondary School Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026580	
22	AGHAYERE, O. Frank & AWOYEYE, Onyi Agnes (2026): Effect of Intelligent-Tutoring Strategy on Attitude Towards Biology Learning among Secondary School Students in Suleja, Niger State, Nigeria — https://doi.org/10.64348/zije.2026581	193-202
23	UNAMMA, Donald Ikenna & ADENIYI, Michael Adeduyigbe (2026): Assessment of Pedagogical and Content Competence on Physics Curriculum Implementation among Secondary School Teachers in Imo State, Nigeria — https://doi.org/10.64348/zije.2026582	203-214
24	IBRAHIM, Sa'adu., RAPHAEL, Philip & MUSA, Aishatu Usman (2026): Comparative Assessment of Motivation and Interpersonal Skills on Academic Achievement in Chemistry among Post-Basic School Students in Gombe State, Nigeria — https://doi.org/10.64348/zije.2026583	215-224
25	MUHAMMAD, Abubakar Kabiru & ZAKARI, Abubakar Sadiq (2026): Assessment of Safety Training and Transportation Safety on Teachers' Productivity among Public Primary Schools in North-East, Nigeria — https://doi.org/10.64348/zije.2026584	225-234
26	ABUBAKAR, Abdulrashid & MUKHTAR, Nasiru (2026): Correlational Study of Science Process Skills and Academic Achievement in Biology among Secondary School Students in Sokoto State, Nigeria — https://doi.org/10.64348/zije.2026585	235-245
27	IBRAHIM, Salisu., AHMAD, Kainuwa., AMINU, Hamisu & UMAR, Manir Kanoma (2026): Trends on Sociological Effects of Insecurity on Internally Displaced Persons Educational Development in Northern Nigeria: A PRISMA-Based Systematic Literature Review — https://doi.org/10.64348/zije.2026586	246-259
28	FARUK, Jibril (2026): Impact of Artificial Intelligence-Based Fitness Applications On Physical Activity Participation And Health Behaviour Among Undergraduate Students In Federal Universities In North-West Nigeria — https://doi.org/10.64348/zije.2026587	260-269
29	ABDULHADI, Musa (2026): Evaluation of Technical Skill Improvement Needs and Maintenance of Motor Vehicles among Colleges of Education Automobile Technology Teachers in North-West, Nigeria — https://doi.org/10.64348/zije.2026588	270-277
30	BARA'U, Rabi & MUSTAPHA, Aliyu (2026): Effects of Team-Teaching and Jigsaw Strategies on Performance and Retention of Students in Federal University of Education Zaria, Kaduna State, Nigeria — https://doi.org/10.64348/zije.2026589	278-289
31	AYUA, Geoffrey Aondolumun., KWAGH, Tersea Caleb., TERHEMBA, Wisdom Kwaghfan., ABAH, John Clement., OKANCHE, Samuel & OBIABO, Isaac Otache (2026): Leveraging Artificial Intelligence in Enhancing Worldwide Science, Technology, Engineering and Mathematics (STEM) Education — https://doi.org/10.64348/zije.2026590	290-302



32	IGBEN, Oborakpororo Morrison & ENWEFAH, Linda Omoeffe (2026): Effect of Collaborative Learning Strategy on academic achievement in Vocational Subjects among Primary School Pupils in Uvwie, Delta State, Nigeria — https://doi.org/10.64348/zije.2026591	303-308
33	ISHAQ, Umar (2026): Effects of Cloud - Computing Instruction on Interest and Performance in Genetics Concept among State Colleges of Education Biology Students in North-West, Nigeria https://doi.org/10.64348/zije.2026592	309-318
34	BUKAR, Fatimata Alhaji., BABAGANA, Mohammed & ALIYU, Hauwa (2026): Assessment of Income Level and Educational Qualifications on Antenatal- Care-Utilization among Pregnant Women Attending Secondary Health Facilities in Maiduguri Metropolis, Borno State, Nigeria — https://doi.org/10.64348/zije.2026593	319-326
35	AMINU, Bello (2026): Evaluation of Availability, Adequacy, Accessibility, Utilization and Maintenance of Pedagogical Apparatus on Metalwork Technology Teaching among Schools in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026594	327-335
36	SAMAILA, Hamza., AHMAD, Suleman Mamman Dee., HARUNA, Angulu & GARBA, Dahiru Jikamshi (2026): Effect of Revit Software on Students' Interest in Building Drawing among Colleges of Education in North-West, Nigeria — https://doi.org/10.64348/zije.2026595	336-342
37	IBRAHIM, Adamu & UMAR, Sodangi (2026): Effects of Integrating GeoGebra Software on Performance and Retention in Geometry among Secondary School Students in Zamfara State, Nigeria https://doi.org/10.64348/zije.2026596	343-354
38	ABDULRAHID, Aisha., SADA, Aishatu Ibrahim & SALEH, Khadija Ado (2026): Effect of Computer-Based Tutorial Instructional Strategy on Academic Achievement in Biology Among Senior Secondary School Students in Katsina State, Nigeria https://doi.org/10.64348/zije.2026597	355-361
39	TSADO, Leah Mama., MUSA, Umaru., BIU, Adamu Abdulkarim & ABDULFATAH, Hajara Aminu (2026): Assessment of Personal Cleanliness Practices among Older Adults in Northern Nigeria https://doi.org/10.64348/zije.2026598	362-369
40	YUSUF, Feyisara Zakariya., JAMILU, Abdullahi & SALIHU, Alhassan Abdulrahman (2026): Measuring Perceived Ease of Artificial Intelligence Utilisation: An Adaptation and Psychometric Validation of a Scale among Preservice Mathematics Teachers in Nigerian Context — https://doi.org/10.64348/zije.2026599	370-382
41	AYUA, Geoffrey Aondolumun., JESULOWO, Janet Funke., TOFI, Msuur., IORPENDA, Nguyiman Precious., KWAGH, Tertsea Caleb & GODO, Samuel Terfa (2026): Qualitative Study on Strengthening Universal Science, Technology, Engineering and Mathematics Education: An Exploration of SUSTAIN-STEM Model https://doi.org/10.64348/zije.2026600	383-394
42	ABDULLAHI, Abdulazeez Kolapo (2026): Assessment of Lifelong Learning Needs in The Later Life of Older Adults Enrolled in Continuing	395-404



	Education Programmes: A Comparative Study of Southern and Northern Nigeria https://doi.org/10.64348/zije.2026601	
43	YUSUF, Feyisara Zakariya., JAMILU, Abdullahi & KAZAIK, Benjamin Danlami (2026): Development and Validation of Attitudes and Behavioural Measurement Scales on Artificial Intelligence Integration in Mathematics Teaching among Pre-Service Teachers in Abuja, Nigeria — https://doi.org/10.64348/zije.2026602	405-418
44	SIDI, Salim Bala., BADAR, YUSUF & HASSAN, Jamila Saleh (2026): Effect of Maple Software on STEM Students' Problem-Solving skills in Mathematics Concepts among Science and Technical Schools in Kano State, Nigeria — https://doi.org/10.64348/zije.2026603	419-427
45	AYUA, Geoffrey Aondolumun., OFFI, Msuur., ONAH, Benedict Ojedor., TERHEMBA, Wisdom Kwaghfan., ABAH, John Clement & OKANCHE, Samuel (2026): Fostering Transnational Science, Technology, Engineering and Mathematics Education: An Exploration of Climate-Smart Practices — https://doi.org/10.64348/zije.2026604	428-447
46	KABIR, Zainab Abdulkadir., DANBALA Musa & HUDU, Wada (2026): Correlation Between Teachers' Pedagogical Knowledge of Multi-Media and Instructional Technology Teaching: A Case Study of Federal University of Education Zaria, Kaduna State — https://doi.org/10.64348/zije.2026605	448-454
47	HARUNA, Auwalu., YAKUBU, Lawan., ADO, Muhammad Sirajo & BELLO, Miswaru (2026): Comparative Effects of Concept Mapping and Problem-Solving Strategies on Geometry Performance among Upper Basic Students in Kano State, Nigeria — https://doi.org/10.64348/zije.2026606	455-463
48	SULEMAN, Ahmad Mamman Dee., HAMZA, Samaila., ANGULU, Haruna & DAHIRU, Garba Jikamshi (2026): Effect of Revit Software on Academic Performance in Building Drawings among Colleges of Education Students in North-West, Nigeria — https://doi.org/10.64348/zije.2026607	464-470
49	AKISSANI, Ishaku., AMINU, Naziru & RABE, Hanafi (2026): Pedagogical Challenges in Nigerian Secondary School Mathematics Education: A Conceptual Examination of Causes, Consequences and Reform Strategies — https://doi.org/10.64348/zije.2026608	471-480
50	OKRI, John Arikpo., ODEH, Paul Chinweike & AGADA, Anthony C. (2026): Influence of Students' Perception on Enrolment Decision in Mathematics Education Programmes among Tertiary Institutions of Learning in Cross River State, Nigeria https://doi.org/10.64348/zije.2026609	481-490
51	NDIFON, Friday Ogobi & ORIM, Samuel Orim (2026): Effect of Caregivers Instructional Strategies on Performance in Letter Identification among Early Special Need Learners in Ikom, Cross River State, Nigeria — https://doi.org/10.64348/zije.2026610	491-500
52	ABUBAKAR, Sabo & Iliyasu, Yusuf (2026): Influence of Parental Educational Status on Attitude and Performance in Mathematics among	501-508



	Senior Secondary School Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026611	
53	KAS, Tanko., SULEIMAN, Dogonyaro Gulee., IBRAHIM, Sani & KANTOMA, Samuel Bala (2026): Teachers' Awareness on Edulastic Application for Sustainable and Inclusive STEM Education in Basic Science Curriculum Content Delivery in Sabon Tasha, Kaduna State, Nigeria — https://doi.org/10.64348/zije.2026612	509-518
54	OBELE, Realman Evans (2026): Correlation between Teachers' Pedagogical Competence and students' problem-solving skills in Mathematics among senior secondary schools in Bayelsa State, Nigeria — https://doi.org/10.64348/zije.2026613	519-531
55	ABDULRASHID, Aisha., SADA, Aishatu Ibrahim & SALEH, Khadija Ado (2026): Effects of Computer-Based Tutorial Instructional Strategy on Academic Achievement in Biology Among Senior Secondary School Students in Katsina State, Nigeria — https://doi.org/10.64348/zije.2026614	532-538