# Dr. John Ekow Mbir Amoah

Department of Biology Education
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## PROFILE

An astute and outstanding academician in the biological sciences. Having distinguished myself in Science Education from undergraduate through to the Ph.D

## RESEARCH

| | |
|---|---|
| Interests | Curriculum Implementation · Diversity of living things · In-service Training · Ecology · Cytology |
| Areas | Education · Experimental and Cognitive Psychology · General Dentistry · Information Systems |

## RESEARCH SUMMARY

| 9 | 15 | 2 | 1 | 1.68 | 20% |
|---|---|---|---|---|---|
| Publications | Citations | h-index | i10-index | Field-weighted impact | World top 10% |

Counted from the 9 publications listed below, 2015–2025. Field-weighted impact is the mean over the 5 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 5 papers scored for it are among the world's most cited tenth for their field, type and year.

## POSITIONS

**Biology Lecturer** 2021–present
Biology Education, University of Education Winneba, Winneba, Ghana

## EDUCATION AND QUALIFICATIONS

**PhD**
Science Education, University of Education Winneba, Winneba, Ghana

## DISTINCTIONS, MEMBERSHIPS AND SERVICE

**Ghana National Association of Teachers**
Accra, Ghana

## PUBLICATIONS

### Journal articles 7

1. Cosmos Eminah, **John Ekow Amoah**, Eric Appiah-Twumasi (2025). Employing Digital Resources to Improve Student Teachers Performance in Science. *European journal of applied sciences*. https://doi.org/10.14738/aivp.1305.19382
2. **John Ekow Mbir Amoah**, Cosmos Eminah, Sophia Korlie (2025). Instructional Challenges in Biology Classrooms in Selected Senior High Schools in the Eastern Region, Ghana. *European journal of applied sciences*. https://doi.org/10.14738/aivp.1306.19714
3. **J. E. M. Amoah** (2025). Using Audio-Visual Aids to Improve the Concept of Dentition in Second Year Science Students at Mfantsipim Schoo. *European Journal of Applied Sciences,*. https://www.researchgate.net/profile/John-Ekow-Mbir-Amoah/publication/398740729_Using_Audio-Visual_Aids_to_Improve_the_Concept_of_Dentition_in_Second_Year_Science_Students_at_Mfantsipim_School/links/694220f2a1fd0179890885b6/Using-Audio-Visual-Aids-to-Improve-the-Concept-of-Dentition-in-

Second-Year-Science-Students-at-Mfantsipim-School.pdf

4. **John Ekow Mbir Amoah** (2025). Using Audio-Visual Aids to Improve the Concept of Dentition in Second Year Science Students at Mfantsipim School. *Advances in Social Sciences Research Journal*. https://doi.org/10.14738/assrj.1212.19698
5. **John Ekow Mbir Amoah**, John K. Eminah, Ernest I.D. Ngman-Wara, James A. Azure (2023). The status of biology teaching and learning materials in selected central regional schools, Ghana. *Cogent Education*. https://doi.org/10.1080/2331186x.2023.2198939
6. **John Ekow Mbir Amoah**, John K. Eminah, Ernest Ngman-Wara, James Awuni Azure (2021). Improving First Year Integrated Science Students' Biological Drawing at Mfantsipim School. *International Journal of Sciences: Basic and Applied Research*.
7. **John Ekow Mbir Amoah** (2021). Surveying Aspects Of Biology Instructional Practices In Selected Schools In The Central Region Of Ghana. *International Journal of Innovative Research and Advanced Studies (IJIRAS)*.

### Theses 2

1. **JOHN EKOW MBIR Amoah** (2018). Implementation of the senior high school biology curriculum a study of curriculum intentions and classroom practice in the Central Region of Ghana. *University of Education Winneba*. https://ir.uew.edu.gh/handle/123456789/1124
2. **John Ekow Mbir Amoah** (2015). The study of clause complexing in the editorials of Daily Graphic. *University of Education, Winneba*. https://ir.uew.edu.gh/handle/123456789/3570