

TECHNOLOGY INTEGRATION IN TEACHING HOME ECONOMIC SUBJECT: BASIS IN DEVELOPING VIDEO LESSON AMONG GRADE 12 STUDENTS AT BESTLINK COLLEGE OF THE PHILIPPINES

ABSTRACT

AUTHORS

John Michael Batan
Lovely Rose De Vera
Ma. Josefa Josue
Hazel Ann Valenzuela

RESEARCH ADVISER

Abraham P. Muyrong II,
PhD

AFFILIATION

Bestlink College of the
Philippines

DISCIPLINE

Education

KEYWORDS

*technology integration;
bestlink college; home
economics education; video
lessons; student engagement;
digital literacy*

ARTICLE ID

AASGBCPJMRA-B55029

The integration of technology in teaching Home Economics significantly influences both teaching practices and student learning outcomes. Although many educators have access to digital tools and hold positive attitudes toward technology, its application in Home Economics classrooms remains limited. Previous studies, such as those conducted in Hong Kong, revealed that teachers with limited formal training perceived the subject as less complex, underscoring the need for specialized expertise in effective instruction. This study aims to assess the impact of technology integration in Home Economics education and serve as a foundation for developing instructional video lessons for Grade 12 students at Bestlink College of the Philippines. A descriptive research design using a quantitative approach was employed. The study focused on Grade 12 students under the Home Economics strand. A total of 50 participants were selected through cluster sampling. Data were gathered using a structured survey questionnaire designed to measure the effectiveness of technology integration in terms of academic performance, skills development, and access to learning resources. The findings indicated that the integration of technology had a significant positive effect on students' academic performance, skill acquisition, and access to information. The majority of respondents strongly agreed that technology improved their ability to understand complex concepts and enhanced their overall learning experience. These outcomes support the assertion that digital tools facilitate deeper engagement and more effective instruction. The study concludes that the use of technology in teaching Home Economics not only enhances students' educational experience but also strengthens their digital literacy. This includes improved communication, navigation of online platforms, and the use of educational software. Technology has made learning more interactive and accessible, encouraging greater student participation and motivation. It also equips students with essential tools for completing tasks efficiently and collaborating with instructors and peers. These findings support the development of video-based instructional materials as a strategic approach to enhance teaching and learning in Home Economics.

RECOMMENDED CITATION

Batan, J. M., De Vera, L. R., Josue, M. J., & Valenzuela, H. A. (2025). Technology Integration in Teaching Home Economic Subject: Basis in Developing Video Lesson Among Grade 12 Students at Bestlink College of the Philippines. *Ascendens Asia Singapore – Bestlink College of the Philippines Journal of Multidisciplinary Research Abstracts*, 7(4), 55.