B 6

E-ISSN: 2350-8442 P-ISSN: 2350-7756

ASIA PACIFIC JOURNAL O MULTIDISCIPLINARY RESEARCH Volume 2 No. 1



2 bulon, soft cover warner Camis page

Asia Pacific Journal of Multidisciplinary Research

Vol. 2 | No. 1 | February 2014

P-ISSN 2350-7756 | E-ISSN 2350-8442



Research and Statistics Center Lyceum of the Philippines University Batangas City 4200 PHILIPPINES

Asia Pacific Journal of Multidisciplinary Research (An International Refereed Journal)

EDITORIAL POLICY

Aim and Scope

The Asia Pacific Journal of Multidisciplinary Research is open to the global community of scholars who aspire to have their researches published in a peer-reviewed open access and print journal. The primary criterion for publication in the Asia Pacific Journal of Multidisciplinary Research is the significance of the contribution an article makes to the body of knowledge. It is an opportunity particularly for researchers in different field of specializations to share their scientific materials to the global community. The efficiency and effectiveness of the editorial review process are critically dependent upon the actions of both the research authors and the reviewers.

The Editorial Board invites researchers from the international research community and institutions to submit their original research articles, review articles, short communications and case reports for every issue of the journal in various disciplines but not limited to social sciences, humanities, education, health and medical sciences, business and economics, management information, science and technology, engineering and maritime studies. Publishable research articles embrace any research methodology as long as the articles meet the publication standards of the journal. The journal primarily has, as its audience, scientists, academicians, practitioners of various fields, policy makers, health advocates, graduate students, and other individuals interested in pushing the frontiers of developing innovative ideas for social and global transformation.

Review Process

An author accepts the responsibility of preparing the research paper for evaluation by independent reviewers. The responsibility includes subjecting the manuscript to evaluation by peers and revising it prior to submission. The review process is not to be used as a means of obtaining feedback at early stages of developing the research paper. Reviewers and editors are responsible for providing constructive and prompt evaluation of submitted research papers based on the significance of their contribution and on the rigors of analysis and presentation.

The manuscripts will be reviewed for possible publication with the understanding that they are being submitted to one journal at a time and have not been published, simultaneously submitted, or already accepted for publication elsewhere.

The Editors review all submitted manuscripts initially. Manuscripts with insufficient originality, serious scientific flaws, or absence of importance of message are rejected. All manuscripts received are duly acknowledged. The journal will not return the unaccepted manuscripts. Other manuscripts are sent to two or more expert reviewers following the double-blind review process. Each manuscript is also assigned to a

member of the editorial team, who based on the comments from the reviewers takes a final decision on the manuscript. Within a period of 2 to 3 weeks, the contributors will be informed about the reviewers' comments and acceptance/rejection of manuscript.

Articles accepted would be copy edited for grammar, punctuation, print style, and format. Page proofs will be sent to the first contributor, which has to be returned within three days. Correction received after that period may not be included.

Types of Manuscripts

Original articles

Randomized controlled trials, intervention studied, studies of screening and diagnostic test, outcome studies, cost effectiveness analyses, case-control series, and surveys with high response rate.

Review articles

This is a systemic critical assessment of literature and data sources. Submissions of reviews and perspectives covering topics of current interest are welcome and encouraged. Reviews should be concise and no longer than 4-6 printed pages.

Short Communications

Short Communications are suitable for the presentation of research that extends previously published research, including the reporting of additional controls and confirmatory results in other settings, as well as negative results, small-scale clinical studies, clinical audits and case series. Authors must clearly acknowledge any work upon which they are building, both published and unpublished.

Case reports:

New/interesting/very rare cases can be reported. Cases with clinical significance or implications will be given priority, whereas, mere reporting of a rare case may not be considered. Up to 1000 words excluding references and abstract and up to 10 references.

GUIDE FOR AUTHORS

The Asia Pacific Journal of Multidisciplinary Research is a refereed journal of Lyceum of the Philippines University, Batangas City, Philippines. The journal is published twice a year in June and December. For paper submission, the paper must be an original copy, about 5,000 words, double-spaced, and with tables and figures. The research abstract must have 150-200 words and at least with 5 keywords or phrases.

P-ISSN 2350-7756 | E-ISSN 2350-8442 | www.apjmr.com

Manuscript Preparation

1. Organize the paper following these major headings: Title, Author/s and Affiliations/address, Abstract, Introduction, Materials and Methods, Results and Discussion, Conclusions and Recommendations (optional) References.

2. Acknowledgments and References. The References should substantially consist of articles published in current content-covered or peer-reviewed journals. Avoid citations

of unpublished reports and theses.

Type the entire manuscript single-spaced on a short white bond paper (8.5 x 11") with 1.5" margin in the left side and 1" in the remaining sides using a Times New Roman font type of 11. References, Acknowledgments, plates and legends should be typed double-spaced. Number consecutively all pages.

4. Leave two spaces before and after the major headings as well as two spaces before and after the sub-headings. Use

endnotes rather than footnotes.

5. Spell out acronyms or unfamiliar abbreviations when these are mentioned for the first time in the text.

- Write the scientific names of species completely with author (s) when it is first mentioned in the text and without author in succeeding references. Scientific names should be written in italics.
- 7. Do not spell out numbers unless they are used to start a sentence.
- Use the metric system only or the International System of Units. Use abbreviations of units only beside numerals (e.g. 9 m); otherwise spell out the unit (e.g. kilometer from here). Do not use plural forms or periods for abbreviations of units. Use the bar for compound units (e.g. 1 kg.ha/yr). Place a zero before the decimal in numbers less than one (e.g. 0.25).
- 9. Titles of Tables and Captions of Figures should be as short as possible and understandable without referring to the text. Figures should consist only of simple line drawings, computer-generated graphics or good quality black and white photographs. Label of Figures and plates should be written below the image and should be as such a size so these are still legible even after reducing the size by as much as 50%.
- 10. Cite references in the text as author (year). Writing of et. al. in intext citation and in the list of references/literature cited is discouraged but instead authors are all listed; references in press as (author, in press) and unpublished reference as (author, unpubl. data or author, pers.comm). If two or more references are cited, arrange them by year.

11. Manuscript should be as concise the subject and research method permit, generally about 5000 words, double-

12. To promote anonymous review, authors should not identify themselves directly or indirectly in their papers or in experimental test instruments included in their papers or in experimental test instruments included in the submission. Single authors should not use the editorial "we".

Titles. Titles of tables are written above while title of figu and plates are written below the images.

Author(s)' name(s). The first name, middle initial and fam name are provided. The email address is written below name followed by the department, name of institution affiliation and country.

Abstract. An abstract of about 200-250 words should presented immediately preceding the text. The abstract show concisely inform the reader of the manuscript's topic, methods, and its findings.

Keywords. The abstract must be followed by at least th keywords to assist in indexing the paper and identify qualified reviewers.

Introduction. The text of the paper should start with a sect labeled "Introduction", which provides more details about paper's rationale, motivation, significance, scope a limitations and the setting of the study. Both the Abstract a Introduction should be relatively nontechnical yet clear enou for an informed reader to understand the manuscrip contribution. The manuscript's title but neither the author name nor other identification designations, should appear the Abstract page.

Citations. In-text citations are made using an author-y format. Cited works must correspond to the list of works lis in the "Literature Cited" section.

- In the text, works are cited as follows: author's last na and year, without comma, in parentheses.
- 2. For cited works that include more than one work by author (or same co-authors) that is published in the sa year, the suffix a, b, etc., is to follow the date in the with text citations and in the "literature Cited" section.
- 3. When the author's name is mentioned in the text, it sho e listed in the references.
- Citations to institutional works should use acronyms short titles where practicable.
- 5. If the paper refers to as statutes, legal treatises, or co cases, citations acceptable in law reviews should be use
- The use of et. al. is not allowed. All authors should correctly cited.

Pagination. All pages, including tables, appendices references should be serially numbered.

Numbers. Spell out numbers from one to ten, except w used in tables and lists, and when used with mathemati statistical, scientific, or technical units and quantities, sucl distances, weights and measures. percentage and deci fractions (in nontechnical copy, use the word percent in text).

They are no repetitions of the discussions but are mudy. They are no repetitions of the discussions but are mudaments of the results obtained

Recommendations. It is optional; allowed only when results

References. Every manuscript must include Reference section contains ONLY those works cited within the text. Each should contain all information necessary or unambiguous dentification of the published work. The style format is based from American Psychological Association (APA) with hanging indention of 0.5. Do not categorize according to sources and the arranged alphabetically. There should be majority of which should come from printed and online journals.

Publication Fee. Article Online publication fee is Php 2,000 (for Filipino Authors) and USD50 (for foreign authors) per paper not more than 5000 words for both single and multiple authors. Fee for each additional word is USD0.02. If the paper is accepted for publication, you will be asked to pay Article Publication Fee. An optional payment of USD40 for Printing and Shipping of the Journal per copy.

Open Access Policy

Asia Pacific Journal of Multidisciplinary Research is available both online and print. The content of the journal is freely available to the readers, researchers, students and institutions for download, copy, search, cite or link to the full text of the article.

Disclaimer

1

3

1

5

e

3

n

d

d

h

S

S

n

d

n

e

1-

d

or

rt

be

nd

al,

as

nal

Authors are responsible for obtaining from the copyright holder permission to reproduce any figures for which copyright exists. By submitting the manuscript, it is believed that the author(s) will be responsible of any disputed content in the respective paper/article and author(s) provide formal consent to APJMR/publisher and transfer of copyright. The Publisher, Editor-in-Chief, Associate Editors, Peer-reviewers and Editorial Board Members of the journal cannot be held responsible for any errors, controversies or any consequences from the use of information contained in the journal. It is also be accepted by the manuscript submitted that he/she shall never challenge the Editors/Publisher in any court of law for any issue. The concepts and views expressed in the research papers/articles in the journal do not essentially correspond to the views of the publisher/editor. The publisher/editor of the journal is not liable for errors or any consequences arising from the exercise of information contained in it.

Policy on Publication Ethics

Purpose

Asia Pacific Journal of Multidisciplinary Research (APJMR) in cooperation with Lyceum of the Philippines University (LPU) – Batangas aims to disseminate latest research findings and innovation in various fields of studies

through online and print journal. It ensures the quality of manuscript for publication through confirming and verifying its academic integrity and adherence to the standards and policies of responsible conduct of research. This policy is also established to emphasize the importance of meeting and maintaining the highest quality of ethical standards and scientific validity. It encourages authors to commit themselves with competence in practicing credibility and professionalism gearing towards the culture of excellence through collaboration with the international research community in publication.

Publication Practice

Authors should submit their research articles in accordance with the author guidelines as prescribed by the journal. Research articles to be submitted for publication should not be previously published nor considered to another publication elsewhere. The author should clearly declare the originality of the research work which had never been accepted for other journals. If modifications had been made already on the research article with enhancement on the synthesis and analysis of findings, an overlap of about 10 per cent is considered acceptable between such journals.

Copying of another's research work without citing the original source and considering it as one's own work is an unethical practice and in the field of research and professional practice, this is completely unacceptable. Plagiarism takes place in five types: copy & paste plagiarism, word switch plagiarism, style plagiarism, metaphor plagiarism and idea plagiarism.

Authorship Practice

Authorship credit must be based on the major contribution of each author on the conceptualization and design of the study; revision of the paper that provides substantial insights and implications to findings, collection, analysis and interpretation of data until the completion of research in drawing conclusions and recommendations with action plan or program. No one among the primary authors who met these criteria would be omitted from the authorship. People without any considerable involvement or substantial intellectual participation in the research process would not be considered as one of the authors like those who obtain funds for the research, collect important data and materials, or coordinate with the publication are considered significant but do not qualify for authorship as well as the inclusion of 'ghost author' is highly discouraged. The source of funding may be included in the acknowledgement as well as those people who became part either directly or indirectly in the completion of the research paper.

The corresponding author shall be responsible in communicating with the Editor to accomplish the copyright form and inform the co-authors regarding the status of the research article submitted and accepted to APJMR to avoid multiple submission of paper to other journals at the same time. If the paper is rejected for publication to APJMR that is the right time to submit the research article to other journals. The corresponding author is also responsible in the accuracy of the

content of the paper particularly the complete list of the names of the co-authors, updated affiliations and email addresses.

Peer Review System

The journal exercises double-blind peer review process to ensure anonymity from the reviewer and the author of the research article to avoid any partiality or any limitation from the review process in case of familiarity between both parties. It is the responsibility of the reviewer to provide substantial comments and suggestions for the improvement of the paper to maintain the quality of the research article to be published in the journal. The reviewer shall take the evaluation of the general content in terms of academic significance of the research paper, its contribution to the community, technical novelty, quality of information and language usage. In terms of specific content, the reviewer provides evaluation in terms of the accuracy and unity of information in the abstract, relevance of introduction, literature and studies to the topic as well as the coherence of the objectives; preciseness of materials and methods used, completeness of results and discussion and comprehensiveness of drawing conclusion out of the salient findings and the thoroughness of the reference list.

The research article will be sent to two (2) reviewers and they will decide to publish the paper unaltered, accept after revision suggested in the review, review again after maj changes or reject. If one of them decides to reject the paper ar the other one decides to accept, this is the only time the pap will undergo another review and will be sent to the thir reviewer.

Editorial Responsibilities

Submitted papers will be evaluated based on its scientif and systematic research method and not through lack technical novelty. Fair decision will be observed by tl editorial board irrespective of race, culture, origin, gender citizenship of the author. Situations that may lead to conflic of interest should be avoided.

Confidential Process

Since double-blind peer review process is being observed by the journal, the anonymity of both parties (author at reviewer) will remain confidential. The communication between the corresponding author and the Editor should not I posted on any website or social media as well as the result the Reviewer's Report or Evaluation and any confidentimaterials without prior permission from the Editor whether not the submission is eventually published.

Editorial Board Members/Reviewers

From Lyceum of the Philippines University, Batangas City Philippines

DR. ESMENIA R. JAVIER

Executive Vice President
Vice President for Academics and Research

DR. FLORA V. JAVIER

Dean, Graduate School, Consultant, Special Projects

DR. REYNALDA B. GARCIA

Graduate School Professor, Former Executive Director for Research

DR. NORMA L. MENEZ

Directress, High School Department

DR. CECILIA C. PRING

Dean, College of Nursing Asst. Vice President for Academic and Research

DR. ANACLETA P. VALDEZ

Dean, College of Allied Medical Profession

DR. MARIAN C. DE MESA

Faculty Member, College of Education, Arts & Sciences

Prof. ROSELIE B. ALDAY

Dean. College of Computer Studies

iv

P-ISSN 2350-7756 | E-ISSN 2350-8442 | www.apjmr.com

International Editorial Board Members/Reviewers

Pryamikova Elena
The Ural State Pedagogical University
PUSSIA

d

r

Migerian Association of Physical, Health Education Secretion, Sport and Dance

Dr. Noah Kasraie University of the Incarnate Word San Antonio, Texas USA

Dr. Gagan Singh
Department of Commerce
School of Management Studies & Commerce
Uttarakhand Open University
NDIA

Dr. Ismi Arif Ismail
Deputy Dean, Research and Graduate Studies
Faculty of Educational Studies
Universiti Putra
MALAYSIA

Dr. Arafat Hamouda
Department of English Language and Translation,
Faculty of Arabic Language and Social Studies
Qassim University
SAUDI ARABIA

Dr. Deepak Paliwal
Department of Sociology, School of Social Sciences
Uttarakhand Open University
INDIA

Dr. Mohammad Taghi Sheykhi Department of Social Science, Al-Zahra University, Tehran IRAN

Dr. Rahmatullah Shah Institute of Education & Research University of Science & Technology Bannu, Khyber Pakhtunkhwa PAKISTAN **Dr. Asaf Niwaz** Assistant Professor University of Haripur PAKISTAN

Dr. Margaret Mboho University of Uyo, Akwa Ibom State NIGERIA

Dr. Swaleha S. Pathan Department of Psychology AKI's Poona College, Camp, Pune INDIA

Dr. John Koskey Chang'ach
Department of Educational Foundations, School of
Education
Moi University
KENYA

Dr. Khoo Yin Yin Faculty of Management and Economic Sultan Idris Education University MALAYSIA

Dr. T. F. McLaughlinDepartment of Special Education
Gonzaga University,
Spokane, WA
USA

Dr. A.A. Nkhwalume
Department of Mathematics and Science Education
University of Botswana, Gaborone,
BOTSWANA

Dr. Kornwika Phromjuang Boromarajonani College of Nursing Uttaradit Province THAILAND

Dr. Ahed Abugabah American University in the Emirates DUBAI, UAE

Dr. Barbara KardosBudapest Business School
HUNGARY

Dr. Ahmed T. Al-Ali Department of Foreign Languages, University of Applied Science, Amman. JORDAN Dr. R. C. Jagessar Department of Chemistry, Faculty of Natural Sciences, University of Guyana, Turkeyen Campus,

SOUTH AMERICA

Dr. Eman Talaat El Shamaa Department of Medical Surgical Nursing, Faculty of Nursing King Khalid University, SAUDI ARABIA

Dr. Rania Mahmoud Abdel Ghani Faculty of Nursing, Cairo University

EGYPT

Dr. Asif Jamil

Institute of Education & Research Gomal University, DIKhan PAKISTAN

Dr. Farooq Ahmad

Principal, Govt. Degree College Darya Khan, Bhakkar, Punjab Education Department, PAKISTAN

Dr. Dimitrios Nikolaou Koumparoulis

Professor of Economics, UGSM-Monarch Business School, SWITZERLAND

Dr. Noraini Idris

Faculty of Education University of Malaya MALAYSIA

Dr. Chew Cheng Meng

School of Educational Studies Universiti Sains MALAYSIA

Dr. Bekir Kocadas

Assistant Professor Adiyaman University TURKEY

Dr. Özge Özgür

Assistant Professor Adiyaman University TURKEY Dr. Satish Kumar Kalhotra

Maulana Azad National Urdu University, Hyderabad INDIA

Dr. Muhammad Zia-ur-Rehm

National University of Modern Languages PAKISTAN

Dr. Tien-Hui Chiang

Department of Education, National University of Tainan, TAIWAN

Dr. Daniel Serki Ortserga

Department of Geography, Benue State University, Makurdi NIGERIA

Dr. Loh Kah Heng

Taylor's University Malaysia MALAYSIA

Dr. Rosário Domingos Laureano

Department of Mathematics
ISTA- School of Technology and Architecture
IUL – Lisbon University Institute
PORTUGAL

Dr. Tiberiu Socaciu

Faculty of Economics and Public Administration Ştefan cel Mare University, Suceava ROMANIA

Dr. Amir Reza Nemat Tabrizi

Head of the English Department Qeshm International Center, Payame Noor Universit IRAN

Dr. Ibia E. Ibia

Department of Educational Foundation, Guidance & Counselling
University of Uyo
NIGERIA

Dr. Emmanuel C. Ezedum

Department of Health and Physical Education, University of Nigeria, Nsukka NIGERIA

Dr. Jia Chi Tsou

China University of Technology TAIWAN

DR. JAKE M. LAGUADOR

Editor, APJMR

Director, Research and Statistics Center Lyceum of the Philippines University. Batangas City Philippines

TABLE OF CONTENTS

Development of "PLST" Assessment Model to Detect
Development of Language Skill in Early Childhood

By: Nelva Rolina, Aprilia Tina Lidyasari, Martha Christianti
Yogyakarta State University, INDONESIA

Pages: 1-5

Nurse Educator's Affective Teaching Strategies

By:Myra C. Britiller, RN, MAN, PhD; Lovelyn Q. Ramirez; Frances Margott C. Ramos; Darryl Marvin C. Reyes; Kimberlyn D. Salazar; Joyce Ann M. Sandoval Lyceum of the Philippines University, Batangas, PHILIPPINES

d

ty

Pages: 6-13

Locus of Control and Career Interest of Sophomore Accountancy Students:

Basis for Employment Path

By:Ms. Jovielyn Mañibo and Ms. Elna Lopez Lyceum of the Philippines University, Batangas, PHILIPPINES Pages:14-19

Considerations for Task Analysis Methods and Rapid E-Learning Development Techniques

By: Dr. Ismail Ipek & Dr. Ömer Faruk Sözcü Fatih University, TURKEY Pages: 20-24

Impact Study of K SARAP Mix and Its Effects to Malnourished Children

By: Dr. Susana A. Salvacion Southern Luzon State University Lucban, Quezon, PHILIPPINES Pages: 25-29

Modelling Spark Integration in Science Classroom

By: Prof. Marie Paz E. Morales Educational Policy Research and Development Center, Philippine Normal University, PHILIPPINES Pages: 30-36

Factors Considered in the Appointment of Guidance and Counselling Personnel in Public Secondary Schools in Kenya

By: Grace W. Kamau, Immaculate Nyambura Wachira, Dr. Ruth Thinguri, Mount Kenya University, KENYA

Pages: 37-41

University Students' Performance in Post Unified Tertiary Matriculation Examination in Delta and Edo States, Nigeria

By: Dr. Henry Ogheneovo Oshemughen
Delta State College of Physical Education, Mosogar-Sapele, NIGERIA
Pages: 42-46

vii

The Centrality of Character and Integrity Education in Kenya's Institutions of Higher Learning

By: Dr. John Koskey Chang'ach Moi University, KENYA

Pages: 47-56

Mahatma Gandhi's Doctrine of Ahimsa: Implication on Noted Filipino Students' Values

By: Dr. Maria Luisa A. Valdez

Batangas State University ARASOF Nasugbu Campus, PHILIPPINES

Pages: 56-62

Unionism and Productivity in Nigerian Tertiary Institutions

By: Dr. Sunday I. Efanga, Mrs Mfon Aniedi Okon and Mrs. Caroline O. Ifejiagwa

University of Uyo, NIGERIA

Pages: 63-65

Acceptability of Canistel (Lacuma Nervosa A.DC) Fruit Flour in Making Cookies

By: Prof. Delia A. Paragados

West Visayas State University, Calinog, Iloilo, PHILIPPINES

Pages: 66-73

Social Networks and Industry Competitiveness: The Case of Liliw Footwear Industry

By: Prof. Juvy G. Mojares

Batangas State University, Malvar Campus, PHILIPPINES

Pages: 74-78

Self-Concept, Values Orientation, and Teaching Performance Among Hospitality Educators

By: Prof. Joy D. Jocson

West Visayas State University, Calinog, Iloilo, PHILIPPINES

Pages: 79-85

Workplace Performance of Hotel and Restaurant Management Interns of West Visayas State University, Calinog Iloilo, Philippines

By: Raymund B. Moreno, Ma. Nellie L. Mapa

West Visayas State University, Calinog, Iloilo, PHILIPPINES

Pages: 86-90

Level of Competence of Food & Beverage Services NC II Passers: Basis for Strengthening the Training Program in Western Visayas

By: Raymund B. Moreno

West Visayas State University, Calinog, Iloilo, PHILIPPINES

Pages: 91-98

Performance Analysis of Depleted Oil Reservoirs for Underground Gas Storage

By: Dr. C.I.C. Anyadiegwu, Anyanwu E.E, Obah B. and Ogueke N.V

Federal University of Technology, Owerri, NIGERIA

Pages: 99-114

Environmental Awareness Campaign: The Change It Brings

By: Merlita C. Medallon & Marlyn Gallardo

Lyceum of the Philippines University – Laguna, PHILIPPINES

Pages: 115-120

Using Regression Analysis to Forecast the Factors
Affecting the Enrollment of a Tertiary School
By: Geraldine Atienza – Dimaculangan
Lyceum of the Philippines University – Laguna, PHILIPPINES
Pages: 121-130

Teaching Effectiveness and Student's Learning Acquisition in Selected Major Courses in the International Tourism and Hospitality Management Program

By: Merlita C. Medallon, Grace O. Martinez

Lyceum of the Philippines University – Laguna, PHILIPPINES

Pages: 131-138

The Economic Life of the Negritos of Luna, Apayao
By: Ronald O. Ocampo and Rema B. Ocampo
Apayao State College, PHILIPPINES
Pages: 139-142

Thematic Analysis of the Isneg Literature
By: Rema B. Ocampo Ruby A. Acio, Lea Janessa P. Arellano Charmaine A. Cortez
Apayao State College, PHILIPPINES
Pages: 143-151

Taking Teacher Education to Task: Exploring the Role of Faculty Education in Promoting

Walues and Moral Education of Task-Based Language Teaching

By: Dr. Gabriel C. Delariarte, Rome B. Moralista

West Visayas State University – Campus Calinog, Iloilo, PHILIPPINES

Pages: 152-155

Application of the Principles of Social Demand Approach (SDA) in the Implementation of Universal Basic Education (UBE) In Nigeria: A Sociological Analysis By: Dr. Ibia E. Ibia By: Dr. Ibia E. Ibia Dr. Ibia E. Ibia Dr. Ibia E. Ibia

Pages: 156-160

An Evaluation of Emergency Preparedness of Local Government Unit on National Calamities

By: Rome B. Moralista, Dr. Gabriel C. Delariarte, Joemar Lamila

West Visayas State University-Calinog, Campus, Iloilo City, PHILIPPINES

Pages: 161-165

Readiness and Acceptability of Information and Communication Technology Integration in Basic Education

By: Charlie P. Nacario, Gloria B. Osea, Vladimir R. Foronda, Ma. Teresa B. Lirag

Central Bicol State University of Agriculture, San Jose, Pili, Camarines Sur, PHILIPPINES

Pages: 166-169

Predisposition Factors of Students' Choice in Agriculture, Fisheries and Natural Resources (AFNR) Courses (Luzon Area)

By: Dr. Romeo C. Clemente

Cagayan State University/ DA-Agricultural Training Institute, Quezon City, Manila, PHILIPPINES Pages: 170-177

An Empirical Investigation of Preferential Attachment Among Influential Members of a Large Artificial Community

By: Jaderick P. Pabico

Institute of Computer Science, University of the Philippines Los Baños, Laguna, PHILIPPINES Pages: 178-188

Adolescents' Depression and Its Intervention Through Positive Psychotherapy

By: Joy Renee Rose Calingasan Recio

Laguna State Polytechnic University, Siniloan, Laguna, PHILIPPINES

Pages: 189-193

Delivery of Services of Day Care Workers In Sta. Maria, Laguna

By: Rolando R. Cruzada, Jr.

Laguna State Polytechnic University, Siniloan, Laguna, PHILIPPINES

Pages: 194-198

English and Mathematics: Determinants of Physics Achievement among Public High School Seniors in Naga City

By: Dr. Edgar M. Baylon, Jr.

Central Bicol State University of Agriculture, PHILIPPINES

Pages: 199-204

Effects of Classroom Assessment on the Critical Thinking and Academic Performance of Students

By: Dr. Edgar M. Baylon, Jr.

Central Bicol State University of Agriculture, PHILIPPINES

Pages: 205-208

Effects of Different Systemic Insecticides in Carotenoid Content, Antibacterial Activity and Morphological Characteristics of Tomato (Solanum lycopersicum var Diamante)

By: Lexter R. Natividad, Maria Fatima T. Astrero, Lenard T. Basinga, and Maria Karysa G. Calang Central Luzon State University Science High School, Science City of Muñoz, Nueva Ecija, PHILIPPINES Pages: 209-214

Life Brought at a Tender Age: The Lived Experiences of Filipino

Teenage Pregnant Women
By: Cristopher R. Parungao, Lowell P. Bautista, Roslyn Mariano,
Vilma M. Bonifacio, Marjorie V. Aguinaldo
Manila Central University, PHILIPPINES
Pages: 215-218

The Application of Task- oriented Teaching Approach to Enhancing Communicative Competence of EFL

By: LI Mingxin

Henan Polytechnic University, Jiaozuo, Henan, People's Republic of China

Pages: 219-222

Development of "PLST" Assessment Model to Detect Development of Language Skill in Early Childhood

NELVA ROLINA¹, APRILIA TINA LIDYASARI², MARTHA CHRISTIANTI³

 $Nelva_fipuny@yahoo.co.id^{l}, aprilia_tina@yahoo.com^{2}, marthachristianti@yahoo.com^{3}$

Yogyakarta State University INDONESIA

ABSTRACT

The final research, which is at the end of the third year (phase III) is expected to match model assessment "PLST" as well as the guidance in learning in kindergarten, which can be used by teachers to detect and monitor the development of language skills, identifying the amount of vocabulary and sentences are mastered children, and the stages of language development next. To achieve these objectives, the researcher adopted a model of research, development, and diffusion (Hopkins & Clark, 1976). Research phase of the study (first year), namely: a) preliminary study is intended to know the implementation of assessment in kindergarten groups A and B at district/city of Yogyakarta, b) the results of the research study are to find out the results of the research that has been done by experts in relation to the topic under study, c) analysis of the curriculum in intended to identify and map the development of kindergarten children language skills based competency standards and indicators of achievement. Stages are intended to capture the need assessment as a basis for designing a prototype model assessment "PLST". And finally (first year), from all kindergarten which be the sample study, it was found that all kindergarten were using the general assessment without special assessment for development of children's language, so it is necessary to create assessment "PLST" to detect the development of language skill for early childhood (kindergarten student). It has to continue in second to third year.

Keywords: Model of PLST Assessment, Language Skill, Early Childhood

LINTRODUCTION

Human in living their life, especially when communicating and interacting with other human beings and the environment is abminated by the ability to speak. With the language used will esist them in thinking and doing (Bodrova & Leong, 1996:85). Sen Marrison (1988:194) says that communication was argely determined by the degree of a person's ability to speak. merefore, the language has two functions as public speech and arvate speech as (Bodrova & Leong, 1996:96). The level of a person's ability to speak, is strongly influenced by the requency of words spoken to children early on repeatedly Oberlander, 2005:6), which always heard from the environment. Thus, early childhood language development is a stategic business continues to be done by early childhood educators and especially parents (Neamon, 2006). Because the nerves that connect with the language ability to function properly and optimally, when young children routinely hear sounds that are repeated (Clark, 2005).

Early childhood can distinguish the sound of hundreds of words and learn to get to know the repeated phoneme. For example, the smallest unit of sound words like "g" in the word "elephant" and showed the ability to pressure the strange pronunciation. Over time, the pronunciation of the word would be true if the child gets a correction and correct assessment of the surrounding environment. Therefore, speak to the children with short words and simple about the names of things (Clark, 2005). Because these words are repeated and remembered continues, so be careful of the words (Burnett, 2006).

In the view of the Platonist theory, language is the structure and meaning of free users (Noeng, 2007:86), as a sign that summed up a goal. It is, for early childhood is the foundation for building language skills. Therefore, the meaning of an object for early childhood symbolized by the sound of voices as a sign of a particular object, even though the number of phonemnya bit (McCarthy, 1980: 50). All early childhood language based on the sound of the voice that he heard. According to (McCarthy, 1980:51) basic sounds in English consists of 25 of these basic sounds. While in the Indonesian language that refers to the Latin alphabet, basic sounds Indonesian consists of 26 speech sounds.

II. MATERIALS AND METHODS

Special Purpose

The special purpose at the first year of the study (Phase I) find and formulate initial prototype model assessment "PLST" early childhood as well as the guidance. The device consists of a model guide practical guide usage, instruments, and assessment criteria.

Primary Research

The development of language skills of early childhood and kindergarten, cannot be separated from the aspect of its cognitive abilities. Therefore, language is a complex human ability and fantastic and evolve very fast and outstanding from time since early childhood, so that they are able to understand conversations when communicating with someone (Berk, 1989:363). According to Vygotsky in Megawangi (2005:12)

that the development of language and intellectual young children how to include language-ngaitkan the mind, especially if it is applied in the form of air-play interesting and fun children (Bodrova & Leong, 1996:125). It is at first no link between language and the mind of the child. Therefore, theoretically to remember and get back the words, Dockrell (2006) is associated with cognitive function and thinking ability of children.

In fact, Newman & German (2002) says that all children have the ability to produce the letters of words based on the frequency and level of the number of letters and words are heard. However, children also find it difficult to pronounce the words, when the letters and words that he had heard it was very limited. The limitation may be due to the child difficulty pronouncing words, or because of the hearing organ dysfunction or organ pronunciation child or the child's age and immature. Therefore, the ability to understand sentences and languages influenced by sensory processes (Mauer, 1999), that is different for each child.

The process of development of language skills in preschool children should begin with the simple life of the neighborhood, and in Megawangi Vygotsky (2005:12) suggested by empirical practice directly. For example, from the objects around the bedroom, living room, kitchen, family perspustakaan, and

bathroom. A similar such studies be done by Dyson (2 the teaching of words, letters and writing related articulation of language to children. He listened diversification of the sentence treat every day to c through games selected flexibly. He also gave encoura and opportunities for children to be playing playing wi that use various types of simple sentences in the language everyday life communicative and easily understood child as well dimenegrti.

Children will be easier to understand new concept they try to solve the problem by using a toy that has a c object, and associated with mental content (Noeng, 20 The process of the development of this language we easier for the child in a reminder on ternalisasi letters, sentences, and the sound he heard and he saw a readepicting mentalese concept. In fact, if you should te language to children kindergarten by introducing the then the teacher must speak clearly and correctly (2005), and shows the object, so the concept of thinking things most children woke call (Conceptual role setheory) Fodor (in Noeng, 2007: 87). Referring description of which has been described above, described as the potential for the development and mar of early childhood language as stated in Table 1 as follows.

TABLE 1

Description of potential development and maturation early childhood language

Potential	Development Substance	Age	Language Maturity
Verbal and language	Utter and imitate and words	3-4	 Know the voices of those around and imitating animal noises Declare the short sentences 4 to 5 words Understand and execute 2 commands Asking more questions Mention the name of the object and its function Interested recited storybook
	Recognize and understand the sounds, words, and senteces	4-5 5-6	 Distinguish different types of sound Know the sound of each letter Declare the sentence consists of 6 to 10 words Understand and execute commands tida Respond with complete sentences Mention the name and nature of objects and functions Learning to read Know the sound of each letter Declare the complex sentences (more than 10 words) Understand and execute 3 commands Asking and answering questions with complex sentences Mention the name and nature of objects and functions Can be read when the child is ready

Source: adapted by Oberlander (2005); Depdiknas, (2004); Moleong (2004); Jamaris (2004); Silberg (2002); Marrison (1988), Gabel (1980) setelah diolal

Hear the letter sounds and spoken words and shows the teacher or parent letters, children require a concentration in voice heard sounds of letters and words, as well as see the shape of the letters and the word order, as well as to establish

the concept of thinking of children as a mental Therefore, the development of assessment mod monitoring and detecting child in pronouncing letter and vocabulary as well as demonstrates the form of t

105) in to the to the illdren ement h toys age of y the

when ncrete 7:87). ild be vords, thus h the letter, yson, about antics the n be ation

ent

for

nds

tter

is an important thing to do. Similarly, the level of mastery of vocabulary and sentence should be instruments for assessment, so the level of mement of early childhood language skills will appear.

Beerch Design

This research is a development by adopting the model by Hopkins & Clark is a model Research Description and Diffusion or "The R, D & D model" Hisselock, 1976).

in the first year, the research phase, the activities carried out melude preliminary study, the results of research studies, amoulum analysis, and pe-nyusunan proptotype models. To this goal, researchers Menga-dopsi models research, emelopment, and diffussion of (Hopkins & Clark, 1976). The mearch phase of the research (first year) covers the minary study, the results of research studies, curriculum sis, and preparation of proptoype models. The preliminary was intended to determine the implementation of essessment in kindergarten groups A and B in Prop. Towakarta. Study results of the research are to find out the suits of research conducted by experts in relation to the topic under study. Analysis of the curriculum is intended to identify and map the competency standards and indicators of schievement. These stages are intended to capture the needs sessment as a basis for designing a prototype model

In a preliminary study, data were collected by interview and direct observation. Interview guides and observation research developed before plunging spaciousness, as a guide in enthering the necessary information.

In the first year, which is the research phase of the study subjects was a kindergarten teacher in Prop. Yogyakarta. Due imited research, facilities, time and cost, the samples taken from the population. To ensure a representative sample, the sampling technique used is proportional stratified random sampling technique (Krathwohl, 1996).

Analysis of data from a preliminary study conducted by using qualitative descriptive approach accompanied by marration in the interests of research. Data analysis was carried out during the development of models to look at the suitability of the model is constructed based on the construct of theories with empirical data. For this purpose, the model used effectiveness criteria are developed based on in-depth theoretical study. Correspondence between the model with empirical data adjusted criterion developed in the practical implementation in the field. If there is a match between the criteria by implementing practices in the field, the developed model fit (there is a correspondence between the theoretical concepts with empirical data). However, if it is not fit, then the research continues to be done by improving based on the findings of the field, to find the suitability (Nitko & Brookhart, 2007).

III. RESULTS AND DISCUSSION

The first year's produce a prototype model assessment PLST to detect the development of early childhood language

skills (in this case is a kindergartner). To produce the prototype, as has been described in Chapter III of the research methods, conducted three stages, namely: 1) the preliminary study, the results of the study, analysis of curriculum, 2) expert consultation, and 3) formation of a prototype.

Each kindergarten there are the same number of findings related to the types of assessments that are used particularly in language learning. The type of assessment used is to use the process and outcomes assessment. Where in general kindergarten in the district / province city DI. Yogyakarta have in common and in assessing the similarity of language pembelajran activities. Dilakukna assessment process by teachers during pembelajran activities take place where it is done by observation and observation of students while teaching bai or at rest which of these observations can determine the ability of the teacher talk and language support child development.

Assessment procedures used to provide an assessment in accordance with the applicable curriculum. The process of initial assessment conducted to observe students. Results pengamatann students occasionally noted but sometimes only in memory, depending on the condition of students and classes. So the assessment process is accompanied by a note is flexible. Assessment uses scores of the criteria that have been set.



Artinya bisa tanpa bantuan guru

Artinya bisa dengan bantuan guru

Artinya mau berusaha mengerjakan

Artiya tidak mau mengerjakan

In addition, teachers can also find out the child's development of records made after the study ended. The instrument used to determine the child's development of language skills yet nothing special. The instrument is still limited to the observation sheet, anecdotal records, linking books, LKA, the format of performance, conversations, assignments, and the work in general.

IV. CONCLUSION AND RECOMMENDATION

Based on the results of the discussion in chapter IV, it can be concluded, that all kindergartens in the province DI. Yogyakarta still using assessment in general and not using a special assessment for early childhood language development and yet use assessment "PLST" to detect the development of language skills of children aged early (in this case is the native language, Indonesian). All that can be seen from the types, procedures, and assessment tools used refers to the kindergarten curriculum in 2010 (Permen 58 in 2009), so it is still common, and only adapted to the existing TPP.

Recommendation: have not found the kindergarten that uses a special assessment to the development of early childhood language skills, it is necessary to quickly develop a prototype model assessment "PLST" to detect the development of early

childhood language skills in order to further stimulation can be given to children so as to produce a maximum output of such expectations (goals national education).

REFERENCES

- Andersson Luanne. (2006). Use of the communication development subtest of the DAYC as a teacher-adminstered language-screening instrument. Communications Disorders Quartely, Summer 2006; 27,4; proquest Education Journals pg. 217. Download tgl 5 Agustus 2006. http://www.proquest.umi.com/pgdweb.
- Arthur, Leonie et al. (1998). Programming and planning in early childhood setting. Sydney: Harcourt Brace.
- Ber, E. Laura. (2008). Infant, choldren, and adolescents (six edition). Boston: Pearson International Edition.
- Berk, E. Laura. (1989). *Child development*. Boston: Allyin and Bacon.
- Bodrova, Elena & Leong, J. Deborah. (1996). Tools of the mind: The Vygotdkian approach early childhood education. New Jersey: Merrill, an imprint of Prentice Hall.
- Burnett, Jeanie. (2006). Listening to children voice. Childhood education. Olney: Spring. Vol.82; Iss. 3; pg. 161 A, 2 pgs. *Childhood education. Olney: Spring.Vol.81, Iss.3; pg.139*, 6 pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pgdweb.
- Clark Patricia; Kirk W. Elizabeth. (2005). Beginning with names: Using children's names to facilitae early literacy learning. *Childhood education. Olney: Spring. Vol.81, Iss.3; pg.139, 6 pgs.* Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- Clark-Hill Y. Kantayliere. (2005). Family as educator: Supporting literacy develop-ment. *Childhood education*. *Olney: Fall. Vol.82, Iss.1; pg.46,2 pgs.* http://www.proquest.umi.com/pqdweb. Download 23 Mei 2006.
- Clifford, M. Richard; Maxwell, L. Kelly. (2004). Schools readness assessment. *YC. Young children*, Woshington: Jan.Vol.59, Iss.1;pg.46, 2 pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- Crain, William. (2005). *Theory of development: Concept and aplications*. New Jersey: Pearson prentice Hall.
- Depdiknas. (2004). Kurikulum 2004: Standar kompetensi Taman Kanak-kanak dan Raudhatul athfal. Jakarta: Ditjen. Dikdasmen.
- (2005). *Pedoman penilaian di Taman kanak-kanak*. Jakarta: Ditjen. Manajemen Pendidikan Dasar dan Menengah.
- Dyson, Haas Anne. (2005). Crafting "The humble prose of living": Rethingking oral/written relation in the echoes of spoken word. English education. Urbana: Jan. Vol.37, Iss.2; pg.149, 16 pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- Dockrell E.Julie; Messer David. (2006). Children's naming and word-finding difficulties: Descriptions and explanations. *Journal of speech, language, and hearing research.*

- Rockvile: Apr Vol.49; Iss.2; pg.309, 16 pgs. Downloa Agustus 2006. http://www.proquest.umi.com/pqdweb
- Gabel, Stewart. And Erickson T. Marilyn. (1980). development and develop-mental diasbilities. I Litle, Brown and Company.
- Havelock, G. Ronald. (1976). Planning for Innovation To Dissemination and Utilization of Knowledge, Mic Institute for Social Research.
- Jacobs, L. Ellen. (2001). The effects of adding dy assessment components to a computerized pre language screening test. Communications Dis Quartely, Summer 2001; 22,4; proquest Edi Journals pg. 217. Download tgl 5 Agustus http://www.proquest.umi.com/pqdweb.
- Krathwohl, R. David, (1998), Methods of Educational Social Science Research: An Integrated Approach York: An Imprint of Addison Wesley Longman, Inc
- Mauer, M. Garia. (1999). Issues and aplication of s integration theory and treatment with chilgren language disorder. Language, speech & hearing st on schools. Washington: Oct. Vol. 30, Iss.4: pg. 3 pgs.
 - Download 23 Mei http://www.proquest.umi.com/pqdweb.
- Marling, D. Curt; Smith Karen et al. (2003). Teaching that student misspell: Spelling instruction and y children's writting. Language arts. Urbana: Mar. V Iss.4;pg.299, 11pgs. Childhood education. Olney: Sp Vol.81, Iss.3; pg.139, 6 pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- McCarthy, A. Melodie. (1980). Fundamentals of childhood education. Masschusetts: Winthrop Publ
- Megawangi, Ratna, dkk. (2005). Pendidikan yang pata menyenangkan: Pene-rapan teori developma appropriate practices (DAP) Anak-anak usia dini o s 8 tahun. Jakarta Pusat: Viscom Pratama.
- Morrison S. Geroge. (1988). Early Childhood Edu Today, Melbourne: Merrill Publishing Company.
- Neamon D. Jessica; Beswick L. Jenniver; Modglin A. A. Molvese J. Victoria. (2006). Letter know phonological processing, and print knowledge: development innonreading preschool cyhildren. Jaul learing disabilities. Austin: Jul/Aug. Vol.39; Iss.4; p 10 pgs. Download 23 Mei http://www.proquest.umi.com/pqdweb.
- Noeng Muhadjir. (2007). *Metodologi Keilmuan: Para kualitatit, kuantitatif dan mixed*. Edisi V. Yogyi Rake Sarasin.

Asia Pacific Journal of Multidisciplinary Research | Vol. 2, No. 1 | February 2014

J. Anthony and Brookhart M.Susan. (2007). Educational assessment of students. Fifth edition. New Jersey: Pearson Mertill Prentice Hall.

d tgl 5

Child

oston:

rough

higan,

namic

chool

rders

ation

2006.

and

New

isory

with vices 3, 10

006.

ords oung 1.80,

arly ers,

dan ally ıpai

'ion

ge, kill of 69,

ma ta:

- 260 minggu tahap perkembangan Bayi s.d 5 tahun (Buku Pedoman Pengembangan Anak Dini Usia). Terjemahan: Susanti Harini Hartono. Jakarta: Duta Prima.
- Literacy atandards for preschool leaners. Education
 Leadership Journal. Elexandria: October, Vol.57, Iss. 2;
 pg. 42, 5 pgs. http://www.theatlantic.com/issues.
 Akses, 8/8/06
- Clifton, Brackenbury Tim. (2005). Semantic deficit in children with language impairment: Issues for clinical assessmentl Language, speech & hearing service in school Journal. Washington: Jan. Vol.36, Iss.1; pg.5, 12 pgs. Akses, 11/7/06. http://www.theatlantic.com/issues.
- Schlisselberg, Gloria.; Waltzman, Dava.: Cairns, Helen Smith. (2004). Ditecting the ambiguity of sentences: Relationship to early rading skill. Communication Disorder quarterly Journal. Austin: Winter 2004. Vol.2w5,Iss.2; pg.68,11. pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- Susan Rvachew. (2006). Longitudinal Predictors of Implicit Phonological Awareness Skills. American Journal of Speech - Language Pathology. Rockville: May 2006. Vol. 15, Iss. 2; pg. 165, 12 pgs. Download 23 Mei 2006. http://www.proquest.umi.com/pqdweb.
- Thomas, R. Murray. (2005). Comparing Theories of Child Development, Belmont USA: Thomson Wadsworth.
- Waxman, S., & Lidz, J.L. (2006). Early word learning. In D. Kuhn & R. Siegler (eds), *Handbook of child psychology:* Vol.2. codnition, perception, and language (6th ad.,pp.464-510). Hoboken, NJ: Wiley.

5



Asia Pacific Journal of Multidisciplinary Research