

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

PARENTS' ATTITUDE, EXTENT OF INVOLVEMENT, AND LEARNERS' MATHEMATICS
PERFORMANCE TOWARD THE DEVELOPMENT OF AN IEC MATERIAL

A Thesis Presented to
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of the requirements for the degree
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(Elementary Mathematics)

by

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Abstract

This survey research determined the level of parents' attitude toward modular distance learning, their extent of involvement in the learning continuity of their children, and the level of mathematics performance of Grade 1 learners in a selected public school in Iloilo Province. The respondents were the 61 parents along with their Grade 1 learners. The instruments used were the survey questionnaire on parents' attitude towards modular distance learning, questionnaire on parent's involvement in the learning continuity and, summative tests for the learners. Data was analyzed using the frequency count, percentage, mean, standard deviation, and Kruskal Wallis Rank Sum test for the inferential statistics. The level of parents' attitude towards modular distance learning was highly positive regardless of their profile. The parents were highly involved in the learning continuity of their children. The overall level of mathematics performance of Grade 1 learners was very satisfactory. There were no significant differences in the attitude of parents towards modular distance learning when classified according to educational attainment, employment status, and number of children studying. There were no significant differences among the parents' involvement regardless of educational attainment, employment, number of children studying. The findings served as an input in the development of IEC materials which intended to disseminate to the participating and incoming grade 1 parents. The school heads may conduct meetings or

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consultations with the parents to gather feedbacks on their prevailing issues and challenges in facilitating learning at home as well as in participating to school activities.

Keywords: parents, attitude, involvement, IEC material

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COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

TABLE OF CONTENTS

	Page
Title Page	i
Approval Sheet	ii
Acknowledgement	iii
Abstract	v
Table of Contents	vii
List of Tables	x
List of Figures	xi
List of Appendices	xii
Chapter	
1 INTRODUCTION	1
Background of the Study	2
Theoretical Framework of the Study	4
Statement of the Problem	7
Hypotheses	8
Definition of Terms	8
Delimitation of the Study	10
Significance of the Study	11
2 REVIEW OF RELATED LITERATURE	13
DepEd's Learning Continuity Plan	14

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

Modular Distance Learning	16
Mathematics Performance in Basic Education	20
Parents' Attitude and Involvement in Modular Distance Learning	30
The Importance of IEC Material	40
Summary	41
3 RESEARCH DESIGN AND METHODOLOGY	43
Research Design	43
The Respondents	43
Instruments	45
Data Collection Procedure	48
Ethical Concerns	49
Data Analysis Procedure	49
4 RESULTS AND DISCUSSIONS	51
Level of Parents' Attitude Toward Modular Distance Learning	51
Level of Parents' Attitude on the Selection, Content and Learning Facilitation of the Modular Distance Learning Mode	53
Extent of Parents' Involvement in the Learning Continuity	58
Level of Mathematics Performance of Grade 1 Learners	62
Differences in the Level of Parents' Attitude Toward Modular Distance Learning	64
Differences in the Extent of Parents' Involvement in the Learning Continuity in terms of Parent-Child Involvement	65
Differences in the Extent of Parents' Involvement in the Learning Continuity in terms of Parent-School Involvement	67

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

	The Developed IEC Material	69
5	FINDINGS, CONCLUSIONS, IMPLICATIONS AND RECOMMENDATIONS	75
	Study of the Problem, Methods, and Findings	75
	Conclusions	79
	Implications	81
	Recommendations	83
	REFERENCES	86
	APPENDICES	99

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF TABLES

Table		Page
1	Profile of the Parents Respondents	44
2	Level of Parents' Attitude Toward Modular Distance Learning when taken as Whole and When Classified According to Educational Attainment, Employment Status, and Number of Children Studying	53
3	Level of Parents' Attitude in terms of the Selection of the Modular Distance Learning Mode when Taken as a Whole and Classified According to Educational Attainment, Employment Status, and Number of Children Studying	57
4	Extent of Parents' Involvement in the Learning Continuity in terms of Parent-Child Involvement and Parent-School Involvement When taken as a Whole and when Classified According to Educational Attainment, Employment Status, and Number of Children Studying	61
5	Descriptive Analysis on the Level of Grade 1 Learners Performance in Mathematics	63
6	Kruskal-Wallis Rank Sum Test Showing the Differences in the Level of Parents' Attitude Toward Modular Distance when Classified According to Educational Attainment, Employment Status, and Number of Children Studying	65
7	Kruskal-Wallis Rank Sum Test Showing the Differences in the Extent of Parents' Involvement in the Learning Continuity in terms of Parent-Child Involvement When Classified According to Educational Attainment, Employment Status, and Number of Children Studying	67
8	Kruskal-Wallis Rank Sum Test Showing the Differences in the Extent of Parents' Involvement in the Learning Continuity in terms of Parent-School Involvement When Classified According to Educational Attainment, Employment Status, and Number of Children Studying	69

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF FIGURES

Figure	Page
1 Showing the relationships of the variables in the study	6

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

LIST OF APPENDICES

Appendix	Page
A <i>Communication Letters</i>	100
B <i>Research Questionnaire</i>	109
C <i>Summative Assessment</i>	118

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

87

References

- Abewa, D., & Edemealem, H. (2019). Parent-student interactions and parent school relationships as predictors of academic achievement of students in Basoliben Woreda Secondary School, North West Ethiopia. *Science Research, 7*(4), 44-50. doi: 10.11648/j.sr.20190704.11
- Agarin, M. A. L. (2021). The challenges and status of modular learning: Its effect to students' academic behavior and performance. *EPRA International Journal of Multidisciplinary Research, 7*(7). doi: 10.36713/epra2013.
- Alipasa, C. D., Baroja, M., Gutierrez, C., Ramirez, M. T., & Sulse, L. (2021). The experiences of the parents involved in their children's online distance learning during the COVID-19 pandemic: A phenomenological study. *Psychology and Education Journal, 58*(4). <http://psychologyandeducation.net/pae/index.php/pae/article/view/4935>.
- Apriyanti, C. (2020). Distance learning and obstacles during COVID-19 outbreak. *Jurnal Ilmiah Pendidikan Dasar, 7*(2). <http://dx.doi.org/10.30659/pendas.7.2.68-83>.
- Alvarez, M. Y. (2021). Issues and concerns of teachers in Mindanao State University-Sulu towards modular distance learning approach: An analysis. *Indonesian Community Empowerment Journal, 1*(2), 51-69. doi.org/10.37275/icejournal.v1i2.12.
- Aquino-Danganan, A. (2011). *Development and validation of a module in developing computational skills in college algebra* [Unpublished thesis]. Tarlac State University.

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

88

- Amponsah, M. O., Milledzi, E. Y., Ampofo, E. T., & Gyambrah, M. (2018). Relationship between parental involvement and academic performance of senior high school students: The case of Ashanti Mampong Municipality of Ghana. *American Journal of Educational Research*, 6(1), 1–8. doi: 10.12691/education-6-1-1.
- Anthony, G., & Walshaw, M. (2009). Characteristics of effective teaching of Mathematics: A view from the West. *Journal of Mathematics Education*, 2, 147–164.
- Anzaldo, G. D. (2021). Modular distance learning in the new normal education amidst Covid-19. *International Journal of Scientific Advances*, 2(3), 263–266. doi: 10.51542/ijscia.v2i3.6https://www.ijscia.com/wp-content/uploads/2021/05/Volume2-Issue3-May-Jun-No.79-263-266.pdf.
- Archbald, D.A., & Newmann, F.M. (1988). *Beyond Standardized Testing : Assessing Authentic Academic Achievement in the Secondary School /*.
- Barwell, Richard. (2003). Patterns of attention in the interaction of a primary school mathematics student with English as an additional language. *Educational Studies in Mathematics*. 53. 35-59. 10.1023/A:1024659518797.
- Bernardo, J. (2020). Modular learning most preferred by parents: DepEd. *ABS-CBN News*. <https://news.abs-cbn.com/news/07/30/20/modular-learning-most-preferred-by-parents-deped>.
- Cafnapay, M. B. (2021). Involvement of parents in remote learning of children amid COVID-19 crisis in the Philippines: A transcendental phenomenology. *International Journal of Sociology of Education*, 10(2), 171–192. <https://doi.org/10.17583/rise.2021.7317>.

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
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Iloilo City

89

Cambridge University Press, (2021).

Castroverde, F., & Acala, M. (2021). Modular distance learning modality: Challenges of teachers in teaching amid the Covid-19 pandemic. *International Journal of Research Studies in Education*, 10(8), 7–15. doi:10.5861/ijrse.2021.602.

Cator, K., Schneider, C., & Ark, T. V. (2014). Preparing teachers for deeper learning: Competency-based teacher preparation and development. *Getting Smart*. <http://gettingsmart.com/wp-content/uploads/2014/01/FINAL-Preparing-Teachers-for-Deeper-Learning-Paper.pdf>.

Cortez, M. K. M. (2021). Results-based analysis of students' academic performance in English under distance learning. *EPRA International Journal of Research and Development*, 6(7), 28–34. <https://eprajournals.org/index.php/IJRD/article/view/375>.

Cos, F. L., & Paguia, M. R. S. (2021). Factors affecting distance learning of Carrascal National High School, Division of Surigao del Sur. *Journal of Innovations in Teaching and Learning*, 1(2), 62–68. doi: 10.12691/jitl-1-2-1.

Cruz, S. T., De Guzman, J., De Silva, L., & de Borja, J. M. (2021). Facilitating learning at home: The experiences of parents with multiple children. *Jurnal Pendidikan Progresif*, 11(3), 706–715. doi: 10.23960/jpp.v11.i3.202121.

Data Privacy Act of 2012. (Ph.).

(DepEd Order No. 12, s. 2020).

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

90

- DepEd Region VI (2021). *Basic Education Learning Continuity Plan+ 2021–2022*.
<https://region6.deped.gov.ph/wp-content/uploads/2021/08/RM-No.-458-s.-2021-Region-VI-Basic-Education-Learning-Continuity-Plan-BE-LCP.pdf>.
- Digo, J. M. B. (2021). Parent engagement in teaching modalities amidst pandemic: Its relation to student learning. *EPRA International Journal of Research and Development, 6(7)*, 577–588 doi: 10.36713/epra2016.
- Donovan, M. S., & Bransford, J. D. (2005). *How students learn: History, mathematics, & science in the classroom*. <https://nap.nationalacademies.org/read/10126/chapter/1>.
- Durand, T. M., & Perez, N. A. (2013). Continuity and variability in the parental involvement and advocacy beliefs of Latino families of young children: Finding the potential for a collective voice. *School Community Journal, 23(1)*, 49–79. <https://eric.ed.gov/?id=EJ1004332>.
- Erdener, M. A., & Knoeppel, R. C. (2018). Parents' perceptions of their involvement in schooling. *International Journal of Research in Education and Science, 4(1)*, 1–13. doi:10.21890/ijres.369197.
- Fañillon, S. J. B. (2008). *Chinese schools students' self-efficacy, attitude towards mathematics: Their relationship to mathematics achievement* [Unpublished master's thesis]. West Visayas State University.
- Felipe, A. I. (2006). Unexpected learning competencies of Grades 5 and 6 pupils in public elementary schools: A Philippine report. *International Education Journal, 3(7)*, 957–966. <https://files.eric.ed.gov/fulltext/EJ854353.pdf>.

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
GRADUATE SCHOOL
Iloilo City

91

- Figuerres, O. (2014). *Development and validation of learning packages in automotive technology III* [Unpublished dissertation]. De la Salle University.
- FlipScience (2020). "Tagapagdaloy": How Filipino parents can help ensure successful modular distance learning. *FlipScience*.
- Fraser, C. G. (2020). Mathematics. In T. Grant (Ed.), *Encyclopedia Britannica*.
<https://www.britannica.com/science/mathematics>.
- Ganal, N. N., & Guiab, M. R. (2014). Problems and difficulties encountered by students towards mastering learning competencies in mathematics. *Researchers World*, 5(4), 25–37.
- Garbe, A., Ogurlu, U., Logan, N., & Cook, P. (2020). COVID-19 and remote learning: Experiences of parents with children during the pandemic. *American Journal of Qualitative Research*, 4(3), 45–65. <https://doi.org/10.29333/ajqr/8471>.
- Glorial, J. C. (2005). *Predictors of mathematical skills among Mathematics Trainers' Guild (MTG) pupils in the city and province of Iloilo* [Unpublished master's thesis]. West Visayas State University.
- Government of Ontario. (2005). *Some Considerations for Program Planning in Mathematics*. <https://www.dcp.edu.gov.on.ca/en/curriculum/elementary-mathematics/context/some-considerations-for-program-planning-in-mathematics>.
- Greer, R. J. (1997). What is an asset class, anyway? *Journal of Portfolio Management*, 23, (2), 86–91. <https://doi.org/10.3905/jpm.23.2.86>.

- Guan, A. G. R., & Benavides, N.G. (2021). Parent-teacher-learner collaboration in facilitating modular instruction. *United International Journal for Research & Technology*, 2(7), 80–89. <https://uijrt.com/articles/v2/i7/UIJRTV2170012.pdf>.
- Guerrero, S. (2012). Teachers' pedagogical knowledge and the teaching profession: Background report and project objectives. *Organisation for Economic Co-operation and Development*. https://www.oecd.org/education/ceri/Background_document_to_Symposium_ITEL-FINAL.pdf.
- Gumapac, J. R., Aytona, E. M., & Alba, M. G. R. (2021). Parents Involvement in Accomplishing Students Learning Tasks in the New Normal. *International Journal of Research in Engineering, Science and Management*, 4(7), 367-380.
- Guo, J., Marsh, H. W., Parker, P. D., Morin, A. J. S., Yeung, A.S. (2015). Expectancy-value in mathematics, gender and socioeconomic background as predictors of achievement and aspirations: A multi-cohort study. *Learning and Individual Differences*, 37, 151–168. <https://doi.org/10.1016/j.lindif.2015.01.008>.
- Haisraeli, A., & Fogiel-Bijaoui, S. (2021). Parental involvement in school pedagogy: A threat or a promise? *Educational Review*. doi: 10.1080/00131911.2021.1935489.
- Halliday, T. A. (2020). Use of information, education and communication (IEC)-based materials: An effective teaching-learning strategy in nutrition education. *International Journal of Research and Scientific Innovation*, 2(9). <https://www.rsisinternational.org/virtual-library/papers/use-of-information-education-and-communication-iec-based-materials-an-effective-teaching-learning-strategy-in-nutrition-education/>.

- Halili, C. C., & Villajuan, G. S. (2021). Implementation of modular approach in teaching and learning: Basis for program enhancement.
- Hernando-Malipot, M. (2020). Role of parents in the 'new normal' in education crucial — DepEd. *Manila Bulletin*. <https://mb.com.ph/2020/04/30/role-of-parents-in-the-new-normal-in-education-crucial-deped/>.
- Hiebert, J. (2003). Teaching mathematics in seven countries: Results from the TIMSS 1999 video study. DIaNe Publishing.
- Hoffman, Lauren & Brahier, Daniel. (2008). Improving the Planning and Teaching of Mathematics by Reflecting on Research. *Mathematics Teaching in the Middle School*. 13. 10.5951/MTMS.13.7.0412.
- IvyPanda. (2022, January 16). *Theory of attitudes by Katz: Theoretical framework*. <https://ivypanda.com/essays/theory-of-attitudes-by-katz-theoretical-framework/>.
- Kolak, A, Markic, I., Horvat, Z., Klemencic, M., & Stojanac, M. (2021). When the parent becomes the teacher — Attitudes on distance learning in the time of "corona-teaching" from parents' perspective. *Turkish Online Journal of Educational Technology*, 2(1), 85–94.
- Lansangan, M. L. G., Quimabao, D. T., Baking, E. G., Nicdao, R. C., Nuqui, A. V., Cruz, R. C. (2015). Correlates of students' academic performance in intermediate level. *Journal of Business & Management Studies*, 1(1), 1–7.
<https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1078.61908&rep=rep1&type=pdf>.

WEST VISAYAS STATE UNIVERSITY
COLLEGE OF EDUCATION
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Iloilo City

94

- Logan, N., Ogurlu, U., Garbe, A., & Cook, P. (2021). Parent voices: Suggestions for remote learning during COVID pandemic and beyond. *Journal of Ethnic and Cultural Studies*, 8(4), 1-17. <http://dx.doi.org/10.29333/ejecs/850>.
- Luaña, J. P. (2021). Why do parents answer their children's modules? A closer look on parental practices and challenges in modular distance learning. *International Journal of Global Community*, 4(1), 1-16.
- Merriam-Webster. (n.d.). Citation. In *Merriam-Webster.com dictionary*. Retrieved July 3, 2021, from <https://www.merriam-webster.com/dictionary/citation>.
- Magagula, M., & Ngwenya, A. P. (2004). A comparative analysis of the academic performance of distance and on-campus learners. *Turkish Online Journal of Distance Education*, 5(4). <https://dergipark.org.tr/en/pub/tojde/issue/16934/176797>.
- Magwa, S., & Mugari, S. (2017). Factors affecting parental involvement in the schooling of children. *International Journal of Academic Research and Reflection*, 5(1), 74-81. <https://www.idpublications.org/wp-content/uploads/2016/12/Full-Paper-FACTORS-AFFECTING-PARENTAL-INVOLVEMENT-IN-THE-SCHOOLING-OF-CHILDREN.pdf>.
- McQuiggan, M., & Megra, M. (2017). Parent and Family Involvement in Education: Results from the National Household Education Surveys Program of 2016. First Look. NCES 2017-102. National Center for Education Statistics.

WEST VISAYAS STATE UNIVERSITY
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GRADUATE SCHOOL
Iloilo City

95

- Mwase, D., Simuyaba, E., Mwewa, G., Muleya, G., & Simui, F. (2020). Leveraging parental involvement in the education of their children as a conflict resolution strategy in selected secondary schools, Zambia. *International Journal of Research and Innovation in Social Science*, 4(7), 356–365.
- Miguel, F. F., Prudente, M. S., & Aguja, S. E. (2021). Teachers initiatives and perceived parental involvement practices among Filipino junior high school students. doi:10.1145/3450148.3450173.
- Mutodi, P., & Ngirande, H. (2014). Exploring mathematics anxiety: Mathematics students' experiences. *Mediterranean Journal of Social Sciences*, 5(1), 283-283.
- Navarro, R. L. (2011). *Research-based teaching and learning*. Lorimar Publishing.
- Novianti, R., & Garzia, M. (2020). Parental engagement in children's online learning during covid-19 pandemic. *Journal of Teaching and Learning in Elementary Education (Jtlee)*, 3(2), 117-131.
- Novianti, R., Puspitasari, E., & Maria, I. (2021). Parents' involvement in children's learning activities during the Covid-19 pandemic. *Jurnal PAJAR (Pendidikan dan Pengajaran)*, 5(2), 384-390. doi: <http://dx.doi.org/10.33578/pjr.v5i2.8220>.
- Ogena, E. B., Laña, R. D., & Sasota, R. S. (2010). Performance of Philippine high schools with special science curriculum in the 2008 Trends in International Mathematics and Science Study (TIMSS-Advanced).

- Olivo, M. G. (2021). Parents' perception on printed modular distance learning in Canarem Elementary School: Basis for proposed action plan. *International Journal of Multidisciplinary: Applied Business and Education Research*, 2(4), 296–309. <http://www.ijmaberjournal.org/index.php/ijmaber/article/view/106>.
- Oluwatelure, T. A., & Oloruntegbe, K. O. (2015). Effects of parental involvement on students' attitude and performance in science. *Advanced Journal of Microbiology Research*. <https://www.internationalscholarsjournals.com/articles/effects-of-parental-involvement-on-students-attitude-and-performance-in-science.pdf>.
- Oxford University Press. (n.d.). Citation. In *Oxford Advanced Learner's Dictionary*.
- Palma, M. C., Escucha, T. N. V., Distor, Z. B., Tuyao, B. V., Malaco, A., & Estrellan, J. (2021). Parental Academic Support in Online and Modular Learners Amidst Pandemic: A Comparative Study. *Indonesian Journal of Community and Special Needs Education*, 1(1), 31-36.
- Paul, M., & Ngirande, H. (2014). The impact of parental involvement on student performance: A case study of a South African secondary school. *Mediterranean Journal of Social Sciences*, 5(8), 279. <https://www.mcser.org/journal/index.php/mjss/article/view/2557>.
- Rahi, S. (2017). Research design and methods: A systematic review of research paradigms, sampling issues and instruments development. *International Journal of Economics & Management Sciences*, 6(2). doi:10.4172/2162-6359.1000403.

- Reyes, R. R. (2021). Parental challenges and school performance of junior high school students in distance learning modality. *International Journal of Research in Engineering, Science and Management*, 4(7), 71–76. <https://www.journals.resaim.com/ijresm/article/view/96>.
- Roth, W., & Radford, L. (2010). Re/thinking the zone of proximal development (Symmetrically). *Mind Culture and Activity*, 17(4), 299–307. doi:10.1007/978-94-6091-564-2_5.
- Ribeiro, L. M., Cunha, R. S., Silva, M. C. A., Carvalho, M., & Vital, M. L. (2021). Parental involvement during pandemic times: Challenges and opportunities. *Education Sciences*, 11. <http://dx.doi.org/10.3390/educsci11060302>.
- Rittle-Johnson, B., & Jordan, N. C. (2016). Synthesis of IES-Funded Research on Mathematics: 2002-2013. NCER 2016-2003. National Center for Education Research.
- Rittle-Johnson, Bethany & Schneider, Michael. (2015). Developing conceptual and procedural knowledge of mathematics. 10.1093/oxfordhb/9780199642342.013.014.
- Salandanan, G. G. (2001). *Teacher Education*. Katha Publishing Co., Inc.
- Samal, R. (2012). *Parents' attitude towards schooling and education of children* [Master's thesis]. National Institute of Technology.
- Sari, D. K., & Maningtyas, R. T. (2020, November). Parents' involvement in distance learning during the covid-19 pandemic. In 2nd Early Childhood and Primary Childhood Education (ECPE 2020) (pp. 94-97). Atlantis Press.

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98

- Sullit, J. S. (2012). *The teaching of mathematics in the secondary level of Holy Cross College* [Unpublished master's thesis]. Don Honorio Ventura State University.
- Suurtamm, Christine & McDuffie, Amy. (2015). Suurtamm, C., & Roth-McDuffie, A. (Eds.) (2015). *Annual perspectives in mathematics education: Assessment to enhance learning and teaching*. Reston, VA: NCTM..
- Tria, J. Z. (2020). The COVID-19 pandemic through the lens of education in the Philippines: The new normal. *International Journal of Professional Development, Learners and Learning*, 1(1). <https://doi.org/10.30935/ijpdll/8311>.
- Trovela, E. (2021). Perceptions of Parents and Learners to Modular Learning Distance Learning as Contemporary Teaching Strategy. *EPR International Journal of Research and Development*.
- Wainer, A. L., & Ingersoll, B. R. (2013). Disseminating ASD interventions: A pilot study of a distance learning program for parents and professionals. *Journal of Autism and Developmental Disorders*, 43, 11-24. <https://doi.org/10.1007/s10803-012-1538-4>.
- Zaman, S. (2013). Risk factors associated with overweight and obesity among urban school children and adolescents in Bangladesh: a case-control study. *BMC pediatrics*, 13(1), 1-6.