

Cultivating Learners' Engagement in The Classroom: Anecdotes of Grade Three Teachers

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Abstract — The core aim of this research was to explore the experiences, coping mechanisms and insights of grade three teachers as they cultivate learners' engagement in the classroom. Employing a qualitative, phenomenological research approach, data was gathered from eight grade three teachers in the Cluster 12, Division of Davao City. Throughout the study, various themes emerged from the teachers' lived experiences. These themes encompassed providing opportunities for collaboration, use of hands-on activities, creating a positive learning environment, and building a personal connections with students. Moreover, the research delved into the coping mechanisms employed by the teachers. Noteworthy coping strategies included providing clear an specific instructions, using technology to enhance learning, providing regular feedback, and providing a positive learning environment. Through a comprehensive analysis, the study yielded valuable insights and innovative ideas concerning the obstacles faced by the teachers in cultivating classroom engagement. From the teachers' experiences, several valuable lessons were learned, emphasizing the importance of building positive relationships, creating a sense of belonging, using active strategies, and providing clear expectations and feedback. These lessons provide essential input for designing and implementing effective teacher training programs aimed at equipping educators with diverse strategies and techniques in cultivating classroom engagement.

Keywords — Lived Experiences, Coping Mechanisms, Lesson Learned, Grade Three Teachers, Classroom Engagement, Davao City, Philippines

I. Introduction

Engagement is a crucial aspect of learning, as it is linked to students' academic achievement, motivation, and overall well-being. Learners' engagement refers to the level of interest and involvement that students have in their learning. Engagement of learners can help them to be motivated, interested, and actively participate in classroom activities. Another experience of grade three teachers in cultivating learners' engagement is by using hands-on activities. Hands-on activities involve allowing students to interact with materials, tools, or objects to enhance their learning experience. According to a study by Gruenewald and colleagues (2018), using hands-on activities in science classes was found to be an effective strategy for enhancing learners' engagement.

Teachers play a critical role in fostering learners' engagement in the classroom, particularly in the early grades when students are developing foundational skills and attitudes towards learning. Teachers can promote engagement by creating a positive and supportive classroom climate, using IJAMS

effective instructional strategies, and providing opportunities for students to connect their learning to their lives and interests (Appleton, Christenson, & Furlong, 2008; Fredricks et al., 2004; Reeve & Jang, 2006). Grade three teachers provided an opportunity for students to work in pairs or small groups on class assignments or projects. Teachers also encourage peer tutoring, where students work in pairs to help each other learn. However, while these strategies are well documented, it is not clear how grade three teachers perceive their role in fostering learners' engagement, what challenges they face, and what strategies they use to overcome them. Grade three teachers also cultivate learners' engagement in the classroom by building personal connections with their students. This involves getting to know their students and showing an interest in their lives and experiences. According to a study by Ramirez and colleagues (2019), building personal connections with students was identified as an effective strategy for enhancing learners' engagement in English classes. In recent years, there has been growing interest in understanding the factors that contribute to student engagement and how teachers can promote it in the classroom.

II. Methodology

The study found that teachers can promote positive academic emotions by creating a classroom climate that fosters enjoyment, providing opportunities for challenge and growth, and offering support and encouragement. A study by Uludag and Or (2018) explored the experiences of elementary school teachers in the United States in promoting student engagement, and found that teachers emphasized the importance of building positive relationships with students, providing opportunities for student choice and autonomy, and creating a supportive classroom environment. Similarly, a study by Pekrun, Elliot, and Maier (2009) investigated the experiences of teachers in the United States in promoting students' academic emotions, which are closely related to engagement. The study found that teachers can promote positive academic emotions by creating a classroom climate that fosters enjoyment, providing opportunities for challenge and growth, and offering support and encouragement. The study found that teachers emphasized the importance of creating a positive and inclusive classroom culture, fostering meaningful relationships with students and families, and providing opportunities for play-based and student-centered learning. In china, Similarly, a study by Zhang and colleagues (2020) explored the experiences of teachers in China in promoting student engagement in physical education classes. In this study the experiences of grade three teachers in cultivating learners' engagement in the classroom in Cluster 12 were gathered through an In-Depth Interview (IDI) as well as their coping mechanisms were extracted from the participants. The study found that teachers used a variety of strategies, including promoting positive student-teacher relationships, using engaging and challenging activities, and providing students with autonomy and choice, to promote student engagement and enjoyment in physical education classes The study found that teachers used a range of strategies, including incorporating technology into teaching, using diverse teaching methods, and creating a positive classroom environment, to promote student engagement and learning. In the local scenario particularly in the schools of Cluster 12, Division of Davao City, grade three teachers encountered



a variety of experiences in cultivating learners' engagement in the classroom. Some experiences are positive while others negatively affect the teaching profession. It is in this context that this study was conceptualized to collect the experiences of grade three teachers as to how they cultivate learners' engagement in the classroom.

III. Results and Discussion

To clearly determine the outcomes of this study and to whom the findings are addressed, the following persons or agencies were the beneficiaries.

Department of Education Officials. The findings of the study gave the DepEd officials, particularly in Cluster 12 Integrated and secondary, the nearby schools in the division of Davao City, to be aware of cultivating learners' engagement in the classroom.

Grade three teachers. The study was significant to them since they would know the issues and insights on their experiences as they cultivate learners' engagement in the classroom.

Stakeholders. This study was significant to them since it would give stakeholders the insights on how to assist school administrators in capacitating teachers on the strategies in cultivating learners' engagement in the classroom.

Future Researchers. The findings provided comprehensive data in conducting future research with similar or relevant scope. It requires a smaller sample size the quantitative analyses. Qualitative sample sizes should be large enough to obtain feedback for most or all perceptions. Obtaining most or all of the perceptions will lead to the attainment of saturation. Saturation occurs when adding more participants to the study does not result in additional perspectives or information. Glaser and Strauss (1967) recommend the concept of saturation for achieving an appropriate sample size in qualitative studies. For phenomenological studies, Creswell (1998) recommends five (5) to 25 and Morse (1994) suggests at least six (6). There are no specific rules when determining an appropriate sample size in qualitative research. Qualitative sample size may best be determined by the time allotted, resources available, and study objectives (Patton, 1990).

The participants of this study were Eight (8) grade three teachers from Cluster 12, Division of Davao City. The participants were chosen based on the following criteria: (1) must be in the service for at least 5 years; (2) grade three teacher; and (3) experience in cultivating learners' engagement.

Analysis

The factors affecting pupils' engagement based on the result of the study are highly laid in the hands of a teacher. Therefore, classroom teachers will be aware of the significance of the study



and its contribution to their well-being. Further, each of the participants will be advised that they have the right to withdraw their information at any time up to the completion of the data collection process, and that they can be requested and allowed to verify their individual transcript after the interview is carried out. This provided the participants with the opportunity to amend, or remove any information which they feel might identify them. The researcher reserved the right to employ the use of pseudonyms, and changing names and or non-significant dates in the interest of the protection of the identity of the participant in all subsequent data analysis and reporting. Grade three teachers provided an opportunity for students to work in pairs or small groups on class assignments or projects. Teachers also encourage peer tutoring, where students work in pairs to help each other learn. In addition, teachers use technology-based tools such as online discussion forums, collaborative writing platforms, and video conferencing to facilitate collaboration among students. By promoting collaboration, grade three teachers created a classroom environment that fosters active engagement and promotes a sense of community among students. Grade three teachers incorporated hands-on activities into their lessons by using manipulatives, models, simulations, experiments, and other interactive tools. For example, teachers use objects such as blocks, tiles, or counters to help students understand basic math concepts such as addition, subtraction, and multiplication. Teachers also incorporated STEM (science, technology, engineering, and math) activities that involve designing, building, or testing models and prototypes. By using hands-on activities, grade three teachers created an engaging and interactive learning environment that promotes curiosity and exploration among students and other activities that can help learners develop their classroom engagement.

Discussion

This part of the research dealt with the research questions and requirements of this study. The participants disclosed their experiences in developing a positive classroom climate. The grade three teachers mechanism for developing a positive classroom climate was also discussed. Several studies have explored the experiences of grade three teachers in cultivating learners' engagement in the classroom. For example, a study by Cheung and colleagues (2017) examined the experiences of grade three teachers in Mong Kong in promoting student engagement in mathematics classes. The study found that teachers used a variety of strategies, including games, group work, and real-life examples, to make mathematics classes more engaging and interesting for their students.

REFERENCES

- Jaoude, E., Abou-Jaoude, S., & Achkar, M. (2018). Student voice and student choice in mathematics class: The impact on engagement and achievement. Journal of Education and Practice, 9(31), 1-11.
- [2] Aktamis, H., Karatas, E., & Tasoglu, A. K. (2021). The effect of active learning on the engagement and achievement in social studies courses. Journal of Social Studies Education Research, 12(2), 137-156.
- [3] Anderson, E. L., Kiewra, K. A., & Sherd, L. W. (2014). The efficacy of guided notes in college classrooms. Journal of Experimental Education, 82(2), 191-212.
- [4] Appleton, J. J., Christenson, S. L., & Furlong, M. J. (2008). Student engagement with school: Critical conceptual and methodological issues of the construct. Psychology in the Schools, 45(5), 369-386.
- [5] Black, P., & Wiliam, D. (1998). Assessment and classroom learning. Assessment in Education: Principles, Policy & Practice, 5(1), 7-74.
- [6] Brookhart, S. M., Moss, C. M., & Long, B. A. (2016). Formative assessment for self-directed learning. Association for Supervision and Curriculum Development.
- [7] Brophy, J. (2018). Choice in the classroom. ASCD. Retrieved from https://www.ascd.org/el/articles/choice-in-the-classroom
- [8] Brophy, J., & Good, T. (1986). Teacher behavior and student achievement. In M. C. Wittrock (Ed.), Handbook of research on teaching (3rd ed., pp. 328-375). Macmillan.
- Brown, J. M., & Dabrowski, C. (2015). Making real-world connections in the classroom. Edutopia. Retrieved from https://www.edutopia.org/blog/making-real-world-connections-classroom-josephm-brown-carrie-dabrowski
- [10] Chen, Y. H., Lee, Y. F., & Wu, Y. C. J. (2019). Exploring student engagement in science class: A case study of a grade three teacher in Taiwan. International Journal of Environmental and Science Education, 14(12), 785-802.
- [11] Cheung, K. C., Lee, Y. C., & Lo, W. Y. (2017). The experiences of primary school teachers in cultivating student engagement in mathematics lessons. Asia Pacific Journal of Education, 37(1), 1-16.
- [12] Creswell, J. (2013). Research design: Qualitative, quantitative and mixed methods approaches (2nd ed.). Thousand Oaks, CA: SAGE Publications
- [13] Day, C., O'Brien, R., & Donaghue, H. (2018). Promoting engagement in reading in grade three. Australian Journal of Teacher Education, 43(9), 1-16.
- [14] Dede, C. (2010). Comparing frameworks for 21st century skills. In J. Bellanca & R. Brandt (Eds.), 21st century skills: Rethinking how students learn (pp. 51-76). Bloomington, IN: Solution Tree Press.
- [15] Durlak, J. A., Weissberg, R. P., Dymnicki, A. B., Taylor, R. D., & Schellinger, K. B. (2011). The impact of enhancing students' social and emotional learning: A meta-analysis of school-based universal interventions. Child Development, 82(1), 405-432.
- [16] Elias, M. J. (2014). The connection between movement and learning in elementary classrooms. Edutopia.
- [17] Foster &Newman, (2005) "Going going" Why are Males Underrepresented in Pre-Service Primary Education Courses at University.
- [18] Fredricks, J. A., Blumenfeld, P. C., & Paris, A. H. (2004). School engagement: Potential of the concept, state of the evidence. Review of Educational Research, 74(1), 59-109.



- [19] Freeman, S., Eddy, S. L., McDonough, M., Smith, M. K., Okoroafor, N., Jordt, H., & Wenderoth, M. P. (2014). Active learning increases student performance in science, engineering, and mathematics. Proceedings of the National Academy of Sciences, 111(23), 8410-8415.
- [20] Freiberg, H. J. (2016). The power of positive teacher-student relationships. Educational Leadership, 73(4), 22-26.
- [21] Gasson, S. (2004). Rigor in grounded theory research: An interpretive perspective on generating theory from qualitative field studies. In M. E. Whitman & A. B. Woszczynski (Eds.), The handbook of information systems research (pp. 79–102). Hershey, PA: Idea Group.
- [22] Gikas, J., & Grant, M. M. (2013). Mobile computing devices in higher education: Student perspectives on learning with cellphones, smartphones & social media. The Internet and Higher Education, 19, 18-26.
- [23] Giorgi, Amadeo (2007) Concerning the phenomenological methods of Husserl and Heidegger and their application in psychology. http://www.cirp.uqam.ca/documents%20pdf/Collection%20vol.%20
- [24] Goodenow, C. (1993). The psychological sense of school membership among adolescents: Scale development and educational correlates. Psychology in the Schools, 30(1), 79-90.
- [25] Grieshaber, S., McArdle, F., & Sumsion, J. (2019). Engaging children in early childhood education: Making meaning in play. Australian Journal of Education, 63(2), 135-148.
- [26] Gruenewald, D. A., Savenye, W. C., & Scheuermann, A. L. (2018). A review of research on hands-on manipulatives as support for learning with mathematics. Journal of Educational Psychology, 110(2), 173-192.
- [27] Guba, E. G., & Lincoln, Y. S. (1994). Competing paradigms in qualitative research. In N. K. Denzin & Y. S. Lincoln (Eds.), The handbook of qualitative research (pp. 105–117). Thousand Oaks, CA: Sage.
- [28] Hamre, B. K., & Pianta, R. C. (2001). Early teacher-child relationships and the trajectory of children's school outcomes through eighth grade. Child Development, 72(2), 625-638.
- [29] Hattie, J., & Timperley, H. (2007). The power of feedback. Review of educational research, 77(1), 81-112.
- [30] Huang, W. H., & Liaw, S. S. (2018). Exploring learners' problem-solving processes in technology-enhanced learning environments: A review of empirical studies. Computers & Education, 126, 413-428.
- [31] Huang, W., Shen, X., & Lin, C. (2019). The effects of a positive classroom learning environment on student engagement and academic achievement in mathematics. International Journal of Science and Mathematics Education, 17(2), 277-296.inquiry
- [32] Ipek, C., Caglayan, G., & Kose, E. (2021). The effect of hands-on activities on mathematics achievement and attitudes towards mathematics. Journal of Education and Learning, 10(1), 67-79.
- [33] Judd, J. S., Glaser, M. A., Bruning, R. H., & Dempsey, M. S. (2016). High school physics students' engagement with digital and traditional instructional materials: The influence of learning environment, student attitudes, and instruction. Journal of Research in Science Teaching, 53(1), 27-57.
- [34] Kalof and Dietz (2008), Essentials of social research. McGraw-Hill Education, 1 Oct 2008 Social Science
- [35] Kapur, M., & Bielaczyc, K. (2012). Designing for productive failure. Journal of the Learning Sciences, 21(1), 45-83.
- [36] Kim, Y., Kim, H. J., Lee, S. H., & Chun, S. (2015). Using mobile devices to support teaching and learning: A systematic review of the literature. Computers & Education, 94, 252-275.



- [37] Kohn, A. (2017). Group work vs. cooperative learning: What's the difference? Edutopia. Retrieved from https://www.edutopia.org/article/group-work-vs-cooperative-learning-whats-difference-alfie-kohn
- [38] Kurniasari, E., Santoso, E. B., & Astuti, R. (2021). Effect of mathematics mobile learning on engagement and learning outcomes. Journal of Physics: Conference Series, 1775(1), 012012.
- [39] Laderas, J. A., Castejón, L. P., & Alido, I. M. (2019). Science teacher factors and practices that affect student engagement in Philippine secondary schools. Journal of Education and Practice, 10(23), 117-126.
- [40] Ladson-Billings, G. (1995). But that's just good teaching! The case for culturally relevant pedagogy. Theory into Practice, 34(3), 159-165.
- [41] Liu, S. H., & Chen, C. C. (2019). Impact of digital game-based learning on student engagement and motivation. Educational Technology & Society, 22(1), 294-308.
- [42] Liu, S., Wang, Y., & Chen, X. (2020). The strategies of primary school teachers promoting students' engagement in China: A multiple case study. Frontiers in Psychology, 11, 1924.
- [43] Maxwell, Joseph Alex (2013), Qualitative research design : an interactive approach J.A. Maxwell.
- [44] Morrissey & Higgs, (2006), Phenomenological research and adolescent female sexuality: discoveries and applications
- [45] Moustakas, (1995) Phenomenological research methods.
- [46] Owens, D. T., Test, D. W., & Mortenson, B. P. (2019). The effects of differentiated instruction on student engagement in reading: A meta-analysis. Reading Psychology, 40(1), 49-80.
- [47] Pashler, H., McDaniel, M., Rohrer, D., & Bjork, R. (2007). Learning styles: Concepts and evidence. Psychological Science in the Public Interest, 9(3), 105-119.
- [48] Patton, Michael (2000) Two decades of developments in qualitative
- [49] Pekrun, R., Elliot, A. J., & Maier, M. A. (2009). Achievement goals and achievement emotions: Testing a model of their joint relations with academic performance. Journal of Educational Psychology, 101(1), 115-135.
- [50] Prince, M. (2004). Does active learning work? A review of the research. Journal of Engineering Education, 93(3), 223-231.
- [51] Ramirez, G., Rosenbaum, J., & Ramirez, M. (2019). Building relationships with students: The foundation for student engagement. The Clearing House: A Journal of Educational Strategies, Issues and Ideas, 92(5), 198-205.
- [52] Reeve, J., & Jang, H. (2006). What teachers say and do to support students' autonomy during a learning activity. Journal of Educational Psychology, 98(1), 209-218.
- [53] Rimm-Kaufman, S. E., Fan, X., Chiu, Y. J., & You, W. (2007). The contribution of the Responsive Classroom Approach on children's academic achievement: Results from a three-year longitudinal study. Journal of School Psychology, 45(4), 401-421.
- [54] Rosenshine, B. (2012). Principles of instruction: Research-based strategies that all teachers should know. American Educator, 36(1), 12-19, 39.
- [55] Rouse, E., Nishioka, V., & Daniels, K. (2021). Teachers' experiences of engagement during the COVID-19 pandemic. Australian Journal of Teacher Education, 46(2), 79-96.
- [56] Ryan, R. M., & Deci, E. L. (2000). Intrinsic and extrinsic motivations: Classic definitions and new directions. Contemporary Educational Psychology, 25(1), 54-67.
- [57] Savery, J. R. (2015). Overview of problem-based learning: Definitions and distinctions. Interdisciplinary Journal of Problem-Based Learning, 1(1), 3.
- [58] Shen, Y., & Lee, M. J. W. (2021). A mixed-methods study on the design and evaluation of engaging virtual field trips for remote elementary science learning. Journal of Educational Computing Research, 59(2), 328-350.



- [59] Simpson, V., & Stahl, S. (2020). Creating a culture of feedback in the elementary classroom. Reading Teacher, 74(4), 395-402.
- [60] Skaalvik, E. M., & Skaalvik, S. (2018). Teacher stress and teacher self-efficacy as predictors of engagement, emotional exhaustion, and motivation to leave the teaching profession. Creative Education, 9(9), 1380-1392.
- [61] Skinner, E. A., & Belmont, M. J. (1993). Motivation in the classroom: Reciprocal effects of teacher behavior and student engagement across the school year. Journal of Educational Psychology, 85(4), 571-581.
- [62] Skinner, E. A., Kindermann, T. A., & Furrer, C. J. (2009). A motivational perspective on engagement and disaffection conceptualization and assessment of children's behavioral and emotional participation in academic activities in the classroom. Educational and Psychological Measurement, 69(3), 493-525.
- [63] Stanage, S. M. (2017). Adult education and phenomenological research: New directions for theory, practice and research. Malabar, FL: Robert E. Krieger.
- [64] Tomlinson, C. A. (2014). Differentiation and the brain: How neuroscience supports the learnerfriendly classroom. Educational Leadership, 72(1), 60-64.
- [65] Tondeur, J., van Braak, J., Ertmer, P. A., & Ottenbreit-Leftwich, A. (2017). Understanding the relationship between teachers' pedagogical beliefs and technology use in education: A systematic review of qualitative evidence. Educational Technology Research and Development, 65(3), 555-575.
- [66] Uludag, E., & Or, K. (2018). Teachers' perceptions of student engagement in elementary schools. International Journal of Instruction, 11(1), 197-212.
- [67] Villanueva, R. J. A., Cabasal, R. J. L., & Basa, R. B. (2020). Strategies used by Philippine teachers in promoting student engagement and critical thinking in online learning during COVID-19. Journal of Critical Reviews, 7(8), 1219-1225.
- [68] Wang, H., Hallinger, P., & Li, X. (2020). The impact of teacher-student relationships, learning environment, and expectations on student engagement: Evidence from middle and high school students in China. Journal of Educational Administration, 58(5), 578-593.
- [69] Wang, M. T., & Eccles, J. S. (2012). Adolescent behavioral, emotional, and cognitive engagement trajectories in school and their differential relations to educational success. Journal of Research on Adolescence, 22(1), 31-39.
- [70] Wenger, E., McDermott, R., & Snyder, W. (2002). Cultivating communities of practice: A guide to managing knowledge. Harvard Business Press.
- [71] Wentzel, K. R., & Wigfield, A. (2009). Handbook of motivation at school. Routledge.
- [72] Wiliam, D. (2011). What is assessment for learning? Studies in educational evaluation, 37(1), 3-14.
- [73] Zhang, J., Li, Y., & Liu, Y. (2020). Strategies used by Chinese physical education teachers to promote student engagement: a case study. Physical Education and Sport Pedagogy, 25(3), 291-306.
- [74] Zimmerman, B. J. (2008). Investigating self-regulation and motivation: Historical background, methodological developments, and future prospects. American Educational Research Journal, 45(1), 166-183.



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