REFERENCES

## REFERENCES

- [1] The School Education and Research Unit Royal Education Counsil, Bhutan. (2012). National educational framework: Shaping Bhutan's future. N.P.: n.p.
- [2] Education Monitoring and Support services. (2008). **Education without compromise.** Retrieved April 25, 2014, from http://cambed.com/portal/o/document/Bhutan-Education\_quality-survey-Education-Without Compromise-Jan2008.
- [3] National Education Assessment. (2003). **Day1 national assessment in Bhutan Kuwait.** Retrieved April 25, 2014, from http://info.worldbank.org/etools/

  docs/library/ 240255/Day1NationalAssessmentinBhutanKuwait.pdf
- [4] World Bank's. (2007). **Bhutan learning Quality Survey.** Retrieved April 25, 2014, from http://datatopics.worldbank.org/hnp/files/edstats/BTNstu07.pdf.
- [5] Iqbal, M. (2004). Effect of cooperative learning on academic achievement of secondary school student in mathematics. Rawalpindi, Pakistan: University of arid Agricultureal institute of education and research.
- [6] Tarim, K. (2009). The effects of cooperative learning on preschoolers' mathematics problem solving ability. N.P.: n.p.
- [7] Sharma, Y. and Klra, J. (2013). Effect of cooperative learning strategies on students' achievement in elementary level. N.P.: n.p.
- [8] Burns, M. (1990). The mathematics solution using groups of four in:

  Co-operative learning mathematics. CA: Addison Wesely.
- [9] Leikin, R. and Zaslausky, O. (1999). Cooperative learning in mathematics.

  N.P.: National Council of Teachers of Mathematics.
- [10] National Council of Teachers of Mathematics. (2008). Principle and standards for school mathematics. Retrieved August 30, 2008, from http://my.nctm.org/standards/.
- [11] Ajaja, O.P. (2010). Effects of cooperative learning strategy. N.P.: n.p.
- [12] Iyer, R.B. (2013). Relation between cooperative learning and Student achievement. **International Journal of Education and Information Studies**, 3(1), 21-25.

- [13] Abdul Rahim and Al-Shakili. (2005). The effect of cooperative learning on the Academic achievement and retention of the mathematics concepts at the Primary school in holy makkah. **The Journal of King Saud University**, 22(2), 13-23.
- [14] Moore, J. (2005). Undergraduate mathematics achievement in the emerging ethnic engineers programme. International Journal of Mathematical Education in Science and Technology, 36(5), 529-537.
- [15] Panitz, T. (2000). Why more teachers do not use collaborative learning techniques. Retrieved April 25, 2014, from http://www.capecod.net/~tpanitz/tedspage/tedsarticles/whyfewclusers. htm.
- [16] Rabgay, T. (2013). Effect of using cooperative learning method on learning achievement and opinion towards science subject of the seventh grade students at Samtse Lower Secondary School in Bhutan. Thailand: Rangsit University.
- [17] Whicker, K.M., Bol, L. and nunnery, J.A. (1997). Cooperative learning in Secondary Mathematics classroom. N.P.: n.p.
- [18] Bush, T.A. (1997). The effect on students' achievement and attitudes when using in learning system with cooperative pair. Educational technology Research and Development, 45(1), 51-54.
- [19] Rucker, S. (1997). The use of cooperative learning in under graduate discrete mathematics courses. **Dissertation Abstracts Instructional-A**, 558(80), 3055.
- [20] Ebrahim, A. (2012). The effect of cooperative learning strategies on elementary students' science achievement and social skills in Kuwait. In International journal of science and mathematics education (Vol.1, pp. 226-245). Cambridge: Cambridge University.
- [21] Traylor, D. (2014). Factors that affect Student Learning.
  Retrieved April 25, 2014, from http://news.wikinut.com/Factors-that-affect-Student-Learning/givfjl47/

- [22] Liao, Hui-Chuan. (2006). Effects of cooperative learning on motivation, learning strategy utilization, and grammar achievement of english language learners in Taiwan. Doctoral dissertation, Ph.D., University of New Orleans, United States.
- [23] Slavin, R.E. (1991). Synthesis of research on cooperative learning. N.P.: n.p.
- [24] Johnson, D.W., Johnson, R.T. and Stanne, M.B. (2000). Cooperative learning methods: A meta-analysis. Retrieved April 25, 2014, from http://www.clcrc.com/pages/cl-methods.html
- [25] Thinly, J.Y. (1999). Values and development gross national happiness, Sonam Kinga. In Karma Galey, Phuntsho Rabten and Adam Pain, Gross National Happiness- Aset of discussion Paper (Vol.1, pp.12-23). Thimphu: n.p.
- [26] Thinly, K. (2009). A country report higher education in the kingdom of Bhutan: Cherishing dreams and confronting challenges. Thimphu: Tirtiary Education Division Cepartment of Adult and Higher Education, Ministry of Education.
- [27] Center of Educational research and Development. (2010). RABCEL The CERD Educational Journal. Paro, Bhutan: CERD.
- [28] Development of Curriculum and Research Development. (2008). Understanding mathematics text book for class six. Thimphu: CPSD.
- [29] Mcleod, R and Newmarch. (2006). **Fractions.** London: National research and development center for adult literacy and numeracy.
- [30] Canney, Catherine and Alison Byrne. (2006). Evaluating circle time as a support to social skills development–reflections on a journey in school-based research. **British Journal of Special Education**, 33(1), 19-24.
- [31] Royal Education Council. (2009). **National Education Framework (NEF).**Bhutan: Renewing School Education in Bhutan The School Education and Research Unit.
- [32] Royal Education Council. (2012). **National Education Framework (NEF).**Bhutan: Renewing School Education in Bhutan The School Education and Research Unit.
- [33] Crandall, J.J. (1999). Cooperative learning and affective factors. N.P.: n.p.

- [34] Johnson, D.W. and Johnson, R.T. (1999). Making cooperative learning work. **Theory into Practice**, 38(2), 67-73.
- [35] Slavin, R.E. (1990). Cooperative learning: Theory, research, and practice. Englewood Cliff, NJ: Printic Hall.
- [36] Panitz, T. (2009). Collaborative versus cooperative learning- a comparison of the two concepts which will help us understand the underlying nature of interactive learning. N.P.: n.p.
- [37] Sharan, S. (1980). Cooperative learning in small groups: Recent methods and effects on achievement attitudes and ethnic relations. **Journal of Educational** Research, 50(2), 241–271.
- [38] Slavin, R.E. (1995). Cooperative learning theory, research, and practice (2<sup>nd</sup> ed.). Boston: Allyn and Bacon.
- [39] Askew, M. and Wiliam, D. (1998). Recent research in mathematics education 5–16. School of Education, King's College: London Stationery Office.
- [40] Howes, C., Unger, O.A. and Matheson, C.C. (1992). The collaborative construction of pretend: Social pretend play functions. Albany: State University of New York.
- [41] Rogoff, B. (1998). Cognition as a collaborative process. New York: Wiley.
- [42] Slavin, R.E. (1987). Cooperative learning and cooperative school. N.P.: n.p.
- [43] Bloom, B.S. (1984). The search for methods of group instruction as effective as one-to-one tutoring. **Education Leadership**, 41(8), 4-17.
- [44] Handelsman, M.M., Briggs, W.L., Sullivan, N. and Towler, A. (2005).
  A measure of student engagement. Journal Education Research, 98(3), 184-191.
- [45] Johnson, D.W. and Johnson, R.T. (1991). Learning mathematics and cooperative learning. N.P.: n.p.
- [46] Kagan, S. (1994). Cooperative learning. San Clemente, California: Kagan.
- [47] Deutsch, M. (1949). A theory of cooperation and competition. N.P.: n.p.
- [48] Johnson, D.W. and Johnson, R.T. (1999). Making cooperative learning work. **Theory into Practice**, 38(2), 67-74.
- [49] Slavin, R. (1996). Research on cooperative learning and achievement: What we know, what we need to know. N.P.: n.p.

- [50] Johnson, D.W., Johnson, R.T., Holubec, E.J. (1991). Cooperation in The Classroom. Retrieved April 25, 2014, from http://home.capecod.net/~tpanitz/ tedsarticles/coopdefinition.htm
- [51] Gupta, M.L. (2004). Enhancing student performance through cooperative learning in physical sciences. Assessment and Evaluation in Higher Education, 29(1), 63-73.
- [52] Veenman, S., Kenter, B. and Post, K. (2000). Cooperative learning in Dutch primary classrooms. **Educational Studies**, 26(3), 28-302.
- [53] Burron, B., James, L. and Ambrosio, A. (1993). The effects of cooperative learning in a physical science course for elementary/middle level pre-service teachers. **Journal of Research in Science Teaching**, 30(7), 697-707.
- [54] Caroselli, M. (1998). **Great Session Openers, Closers and Energizers.**New York: McGraw-Hill.
- [55] Piaget, J. (1965). The moral judgment of the child. New York: Freeman.
- [56] Vygotsky, L. (1978). Mind in society: The development of higher psychological Processes. Cambrid MA: Harvard University.
- [57] Vosniadoy, S. (2001). How children learn. Retrieved April 25, 2014, from http://www.ibe.unesco.org/publications/educationalpracticesseriespdf/ prac07e.pdf.(Accessed 5/52014)
- [58] Doolittle, P. E. (1995). Understanding the cooperative learning theory through Vygotsky's Zone of Development. Colombia: Southestern Louisiana University.
- [59] Vygotsky, L.S. (1962). Thought and Language. Cambridge, MA: MIT.
- [60] Bandura, A. (1997). Self-efficacy: The exercise of control. New York: Freeman.
- [61] Parraga, I.M. (1990). Determinants of food consumption. Journal of the American Dietetic Association, 90(5), 661-663.
- [62] Glanz, K., Rimer, B.K. and Lewis, F.M. (2002). **Health behavior and health Education.** San Fransisco: Wiley and Sons.
- [63] Bandura, A. (2001). Social cognitive theory: An agentic perspective. N.P.: n.p.
- [64] Salvin, R.K. (1996). Research for future: Research on cooperative learning and achievement. N.P.: Academic.

- [65] Cohen, E. (1986). Designing group work: Strategies for the heterogeneous classroom. New York: Teachers College.
- [66] Lewin, K. (1935). A dynamic theory of personality. New York: McGraw-Hill.
- [67] Deutsch, M. (1949). A theory of cooperation and competition. N.P.: n.p.
- [68] Deutsch, M. (1962). Cooperation and trust: Some theoretical notes.

  Lincoln, NE: University of Nebraska.
- [69] SlavinL, R.E. (1977). Classroom reward structure: An analytic and practical review. N.P.: n.p.
- [70] Johnson, D.W. and Johnson, R.T. (1992). Positive interdependence: Key to effective cooperation. N.P.: n.p.
- [71] Slavin, R.E. (1983). Cooperative learning. New York: Longman.
- [72] Hayes, L. (1976). The use of group contingencies for behavioral control: A review. N.P.: n.p.
- [73] Litow, L. and Pmroy, D. (1975). A brief review of classroom group- oriented contingencies. N.P.: n.p.
- [74] Slavin, R.E. (1994). **Using student team learning** (2<sup>nd</sup> ed.). Baltimore, MD: Johns Hopkins University, Center for Social Organization of Schools.
- [75] Sapon, M. and Schniedewind, N. (1990). Selling cooperative learning without selling it short. N.P.: n.p.
- [76] Johnson, D.W. and Johnson, R. (1989). Cooperation and competition: Theory and research. Edina, MN: Interaction Book.
- [77] Slavin, R.E. (1991). Student team learning: A practical guide to cooperative learning. Washington: National education association.
- [78] Dahley, A.M. (1994). Cooperative learning classroom research. N.P.: n.p.
- [79] Slavin, R.E. (1984). Students motivating students to exceed: Cooperative incentives, cooperative tasks, and students achievements, elementary school. N.P.: n.p.
- [80] Megre and Joshi. (2013). Cooperative learning: Theoretical base its types. N.P.: n.p.
- [81] Johnson, D.W. and Holubec, E.J. (1998). Cooperation in the classroom. Boston: Allyn and Bacon.

- [82] Dishon, D. and O'Leary, P. (1984). A guidebook for cooperative learning. Holmes Beach, FL: Learning Publications.
- [83] Johnson, W.D. and Johnson, R.T. (1991). Learning mathematics and cooperative learning lesson plan for teachers. USA: Interaction book.
- [84] Algarabel, S. and Dasi, C. (2001). The definition of achievement and the construction of tests for its measurement: A review of the main trends. Spain: University at Valencia.
- [85] Epstein, J.L. (1995). School/family/community partnerships: Caring for the children weshare. **Phi Delta Kappan**, 76(9), 701-712.
- [86] Christensen, S.L. and Cleary, M. (1990). Consultation and the parent-education partnership: A perspective. N.P.: n.p.
- [87] Klem, A.M. and Connell, J.P. (2004). Relationships matter: Linking teacher support to student engagement and achievement. **Journal of School Health**, 74(7), 262-273.
- [88] Baker, J.A. (2006). Contributions of teacher-child relationships to positive school adjustment during elementary school. **Journal of School Psychology**, 44(3), 211-229.
- [89] Reynolds, D., Treharne, D. and Tripp, H. (2003). ICT- the hopes and the reality. N.P.: n.p.
- [90] Fuchs, T. and Woessmann, L. (2004). Computers and student learning:
  Bivariate and multivariate evidence on the availability and use of
  computers at home and at school. N.P.: n.p.
- [91] Scott, J., Miller, J. and Westat. (2012). Understanding the basics of measuring students achievement. N.P.: n.p.
- [92] Gunes, B. and Cdenaz, H. (2010). Effect of cooperative Learning on achievement of students in Gymnastics unit. N.P.: n.p.
- [93] Dotson, M.J. (2001). Cooperative Learning Structures Can Increase Student Achievement. N.P.: Culminating Project.
- [94] Bernero, J. (2000). Motivating students in math using cooperative learning.
  N.P.: EIRC Document Reproduction Service.

- [95] Gillies, R.M. (2004). The effects of cooperative learning on junior high school students during small group learning learning and instruction.

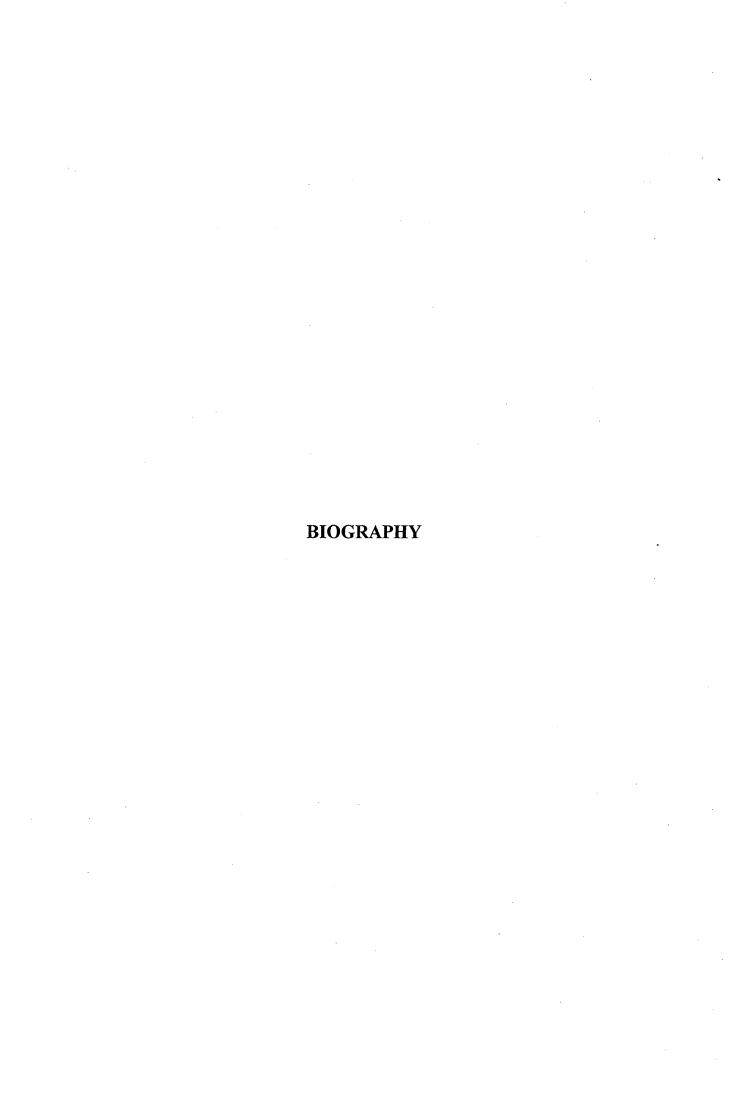
  Journal Articles Reports-Research, 14(2), 197-213.
- [96] Wang, M. (2012). Effects of cooperative learning on achievement motivation of female university students. N.P.: n.p.
- [97] Zakaria, E., Solfitri, T., Daud, Y. and Abidin, Z.Z. (2013). Effect of cooperative learning on secondary school students' mathematics achievement creative.

  Journal of Education Research, 4(2), 98-100.
- [98] Hanze, M. and Berger, R. (2007). Cooperative learning, motivational effects, and student characteristics: An experimental study comparing cooperative learning and direct instruction in 12<sup>th</sup> grade physics classes. Germany: Kassel, Germany Physics Education Group, Department of Physics, University of Osnabruck, Barbarastrasse.
- [99] Vaughan, W. (2002). Effects of cooperative learning on achievement and attitude among students. **Journal of Educational Research**, 95(6), 359.
- [100] Walker, H.M. (1983). The ACCESS program: Adolescent curriculum for communication and effective social skills: Student study guide.

  Austin, TX: Pro-Education.
- [101] Zins, J.E. (2007). The scientific base linking social and emotional learning to school success. **Journal of Educational and Psychological Consultation**, 17(3), 191-210.
- [102] Hair, E.C., Jager, J. and Garrett, S.B. (2002). Helping teens develop healthy social skills and relationships: What research shows about navigating adolescence. Retrieved September 20, 2014, from http://www.childtrends.org/Files/K3Brief.pdf
- [103] Christine, D.B. and John, S. (2004). **Teaching social skills.** Retrieved July 23, 2014, from: http://www.ncset.org/publication/viewdesc.asp?id=1749
- [104] Gresham, F.M., Sugai, G. and Horner, R.H. (2001). Interpreting outcomes of social skills training for students with high-incidence disabilities. Exceptional Children, 67(3), 331-344.

- [105] Black, R.S. and Langone, J. (1997). Social awareness and transition to employment for adolescents with mental retardation. Remedial and Special Education, 18(5), 214-222.
- [106] Holmes, J. and Fillary, R. (2000). Handling small talk at work: Challenges for workers with intellectual disabilities. International Journal of Disability, Development and Education, 47(3), 273-291.
- [107] Quinn, M. (2000). Educational strategies for children with emotional and behavioral problems. Retrieved November 27, 2013, from http://cecp.air.org/aft\_nea.pdf
- [108] Sainato, D. and Carta, J. (1992). Classroom influences on the development of social competence in young children with disabilities. Baltimore, MD: Paul H. Brookes.
- [109] Honig, A. and Wittmer, D. (1996). Helping children become more prosocial: Ideas for classrooms, families, schools, and communities. **Young Children**, 51(2), 62-70.
- [110] Zirpoli, T. and Melloy, K. (1997). Behavior management: Applications for teachers and partners (2<sup>nd</sup> ed.). Upper Saddle River, NJ: Prentice Hall.
- [111] Blog, Michelle. (2010). **Social Thinking.** Retrieved April 29, 2014, from www.socialthinking.com.
- [112] Rao, P.A., Beidel, D.C. and Murray, M.J. (2008). Social skills interventions for children with Asperger's syndrome or high-functioning autism: A review and recommendations. Journal of Autism and Developmental Disorders, 38(2), 353-361.
- [113] Lavasani, M.G. (2011). Cooperative learning and social skills. N.P.: n.p.
- [114] Goudas, M. and Magotsiou, E. (2009). The effect of cooperative physical education programon students' social skills. **Journal of Applied Sports Psychology**, 21(3), 356-364.
- [115] Cavalier, J., Klein, J.D. and Cavalier, F.J. (1995). Effects of cooperative learning on performance, attitude, and group behaviours in a technical team environment. Educational Technology and Research Development, 43(3), 61-72.

- [116] Stauffer, W. (2013). The effects of cooperative learning on the academic achievement, social interaction, behavior, and affect of secondary english and social studies students. United States: The Evergreen State College.
- [117] Hossain, A. and Rohani, A.T. (2013). Effects of cooperative learning on students' achievement and attitudes in secondary mathematics. N.P.: n.p.
- [118] Pallant, J. (2005). SPSS survival Manual: A step by step guide to a data analysis using spss. Australia: National Library of Australia.
- [119] Leikin, R. and Zaslavsky, O. (1997). Facilitating student interactions in mathematics in a cooperative learning setting. Journal for Research in Mathematics Education, 28(3), 331-354.



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