PSYC3104: Psychology and Education



[1]

S. Birch, T. Cline, and A. Gulliford, Educational psychology: topics in applied psychology, Second edition. London: Routledge, 2015.

[2]

Ames, Carole, 'Classrooms: Goals, Structures, and Student Motivation', Journal of Educational Psychology, vol. 84, no. 3, pp. 261–271 [Online]. Available: http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext &AN=00004760-199209000-00002&LSLINK=80&D=ovft

[3]

E. L. Deci and R. M. Ryan, Intrinsic Motivation and Self-Determination in Human Behavior. Boston, MA: Springer US, 1985 [Online]. Available: http://link.springer.com/10.1007/978-1-4899-2271-7

[4]

K. R. Wentzel and A. Wigfield, 'Motivational Interventions That Work: Themes and Remaining Issues', Educational Psychologist, vol. 42, no. 4, pp. 261–271, 2007, doi: 10.1080/00461520701621103.

[5]

'Challenge and Motivation'. [Online]. Available: http://education.purduecal.edu/vockell/edpsybook/edpsy5/edpsy5_challenge.htm

[6]

A. Rattan, C. Good, and C. S. Dweck, '"It's ok — Not everyone can be good at math": Instructors with an entity theory comfort (and demotivate) students', Journal of Experimental Social Psychology, vol. 48, no. 3, pp. 731–737, May 2012, doi: 10.1016/j.jesp.2011.12.012.

[7]

Salovey, Peter and Sluyter, David J., Emotional development and emotional intelligence: educational implications, 1st ed. New York: Basic Books, 1997.

[8]

Heider, Fritz, The psychology of interpersonal relations. New York: Wiley, 1958 [Online]. Available:

 $\label{local-section} $$ $$ http://ovidsp.ovid.com/ovidweb.cgi?T=JS&NEWS=N&PAGE=toc&SEARCH=2004-21806.dd&LINKTYPE=asBody&D=psbk $$$

[9]

Frederickson, Norah, Miller, Andy, and Cline, Tony, Educational psychology: topics in applied psychology. London: Hodder Education, 2008 [Online]. Available: https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9781444116861

[10]

N. L. Frederickson and A. F. Furnham, 'Peer-assessed behavioural characteristics and sociometric rejection: Differences between pupils who have moderate learning difficulties and their mainstream peers', British Journal of Educational Psychology, vol. 74, no. 3, pp. 391–410, Sep. 2004, doi: 10.1348/0007099041552305.

[11]

G. Lindsay, 'Educational psychology and the effectiveness of inclusive education/mainstreaming', British Journal of Educational Psychology, vol. 77, no. 1, pp. 1–24, 2007, doi: 10.1348/000709906X156881.

[12]

'Inclusive Education Research & Practice - Bui et al. article, Topic 2 on Moodle'. [Online]. Available: https://moodle.ucl.ac.uk/course/view.php?id=22103

[13]

N. Frederickson, E. Simmonds, L. Evans, and C. Soulsby, 'Assessing the social and affective outcomes of inclusion', British Journal of Special Education, vol. 34, no. 2, pp. 105–115, Jul. 2007, doi: 10.1111/j.1467-8578.2007.00463.x.

[14]

Frank M. Gresham, 'Social Competence and Affective Characteristics of Students with Mild Disabilities', Review of Educational Research, vol. 67, no. 4, pp. 377–415, 1997 [Online]. Available: http://www.jstor.org/stable/info/1170514

[15]

Jaana Juvonen, & Bernard Weiner, 'An Attributional Analysis of Students' Interactions: The Social Consequences of Perceived Responsibility', Educational Psychology Review, vol. 5, no. 4, pp. 325–345, 1993 [Online]. Available: http://www.jstor.org/stable/info/23359296

[16]

'The theory of planned behavior', Organizational Behavior and Human Decision Processes, doi: 0749-5978(91)90020-T. [Online]. Available: http://www.sciencedirect.com/science/article/pii/074959789190020T

[17]

P. Maras and R. Brown, 'Effects of Contact on Children's Attitudes Toward Disability: A Longitudinal Study1', Journal of Applied Social Psychology, vol. 26, no. 23, pp. 2113–2134, Dec. 1996, doi: 10.1111/j.1559-1816.1996.tb01790.x.

[18]

P. Maras and R. Brown, 'Effects of different forms of school contact on children's attitudes toward disabled and non-disabled peers', British Journal of Educational Psychology, vol. 70, no. 3, pp. 337–351, Sep. 2000, doi: 10.1348/000709900158164.

[19]

E. A. Nowicki and R. Sandieson, 'A Meta-Analysis of School-Age Children's Attitudes Towards Persons with Physical or Intellectual Disabilities', International Journal of Disability, Development and Education, vol. 49, no. 3, pp. 243–265, Sep. 2002, doi: 10.1080/1034912022000007270.

[20]

C. M. Roberts and J. S. Lindsell, 'Children's Attitudes and Behavioural Intentions Towards Peers with Disabilities', International Journal of Disability, Development and Education, vol. 44, no. 2, pp. 133–145, Jun. 1997, doi: 10.1080/0156655970440205.

[21]

C. M. Roberts and P. R. Smith, 'Attitudes and Behaviour of Children Toward Peers with Disabilities', International Journal of Disability, Development and Education, vol. 46, no. 1, pp. 35–50, 1999, doi: 10.1080/103491299100713.

[22]

D. Colley, 'Nurture groups in secondary schools', Emotional and Behavioural Difficulties, vol. 14, no. 4, pp. 291–300, Dec. 2009, doi: 10.1080/13632750903303120.

[23]

J. Garner and M. Thomas, 'The role and contribution of Nurture Groups in secondary schools: perceptions of children, parents and staff', Emotional and Behavioural Difficulties, vol. 16, no. 2, pp. 207–224, Jun. 2011, doi: 10.1080/13632752.2011.569410.

[24]

D. Jones, J. Monsen, and J. Franey, 'Using the Staff Sharing Scheme to support school staff in managing challenging behaviour more effectively', Educational Psychology in Practice, vol. 29, no. 3, pp. 258–277, 2013, doi: 10.1080/02667363.2013.820173.

[25]

K. MacFarlane and L. M. Woolfson, 'Teacher attitudes and behavior toward the inclusion of children with social, emotional and behavioral difficulties in mainstream schools: An application of the theory of planned behavior', Teaching and Teacher Education, vol. 29, no. January, pp. 46–52, 2013, doi: 10.1016/j.tate.2012.08.006.

[26]

G. Brown, 'Metacognition: New insights into old problems?', British Journal of Educational Studies, vol. 32, no. 3, pp. 213–219, Oct. 1984, doi: 10.1080/00071005.1984.9973688.

[27]

D. Kuhn and D. Dean, Jr., 'Metacognition: A Bridge Between Cognitive Psychology and Educational Practice', Theory Into Practice, vol. 43, no. 4, pp. 268–273, Nov. 2004, doi: 10.1207/s15430421tip4304_4.

[28]

C. Doran and R. J. Cameron, 'Learning About Learning: Metacognitive Approaches in the Classroom', Educational Psychology in Practice, vol. 11, no. 2, pp. 15–23, Jul. 1995, doi: 10.1080/0266736950110203.

[29]

P. Adey, A. Robertson, and G. Venville, 'Effects of a cognitive acceleration programme on Year I pupils', British Journal of Educational Psychology, vol. 72, no. 1, pp. 1–25, Mar. 2002, doi: 10.1348/000709902158748.

[30]

J. R. Baird, 'Improving learning through enhanced metacognition: a classroom study', European Journal of Science Education, vol. 8, no. 3, pp. 263–282, Jul. 1986, doi: 10.1080/0140528860080303.

[31]

W. Williams, 'Practical Intelligence for School: Developing Metacognitive Sources of Achievement in Adolescence', Developmental Review, vol. 22, no. 2, pp. 162–210, Jun. 2002, doi: 10.1006/drev.2002.0544.

[32]

L. G. Weil et al., 'The development of metacognitive ability in adolescence', Consciousness and Cognition, vol. 22, no. 1, pp. 264–271, Mar. 2013, doi: 10.1016/j.concog.2013.01.004.

[33]

P. Adey and M. Shayer, 'An Exploration of Long-Term Far-Transfer Effects Following an Extended Intervention Program in the High School Science Curriculum', Cognition and Instruction, vol. 11, no. 1, pp. 1–29, Sep. 1993 [Online]. Available: https://www.jstor.org/stable/3233671

[34]

V. A. W. M. M. Aleven and K. R. Koedinger, 'An effective metacognitive strategy: learning by doing and explaining with a computer-based Cognitive Tutor', Cognitive Science, vol. 26, no. 2, pp. 147–179, Mar. 2002, doi: 10.1207/s15516709cog2602 1.

[35]

R. Boulware-Gooden, S. Carreker, A. Thornhill, and R. M. Joshi, 'Instruction of Metacognitive Strategies Enhances Reading Comprehension and Vocabulary Achievement of Third-Grade Students', The Reading Teacher, vol. 61, no. 1, pp. 70–77, Sep. 2007, doi: 10.1598/RT.61.1.7.

[36]

L. A. Burke and J. M. Williams, 'The impact of a thinking skills intervention on children's concepts of intelligence', Thinking Skills and Creativity, vol. 7, no. 3, pp. 145–152, Dec. 2012, doi: 10.1016/j.tsc.2012.01.001.

[37]

M. Cardelle-Elawar, 'Effects of metacognitive instruction on low achievers in mathematics problems', Teaching and Teacher Education, vol. 11, no. 1, pp. 81–95, Jan. 1995, doi: 10.1016/0742-051X(94)00019-3.

[38]

M. Carr, J. Alexander, and T. Folds-Bennett, 'Metacognition and mathematics strategy use', Applied Cognitive Psychology, vol. 8, no. 6, pp. 583–595, Nov. 1994, doi: 10.1002/acp.2350080605.

[39]

M. T. H. Chi, 'Constructing Self-Explanations and Scaffolded Explanations in Tutoring', Applied Cognitive Psychology, vol. 10, no. 7, pp. 33–49, Nov. 1996, doi: https://doi.org/10.1002/ACP436.

[40]

B. Danoff, K. Harris, and S. Graham, 'Incorporating strategy instruction within the writing process in the regular classroom: Effects on the writing of students with and without learning disabilities', Journal of Literacy Research, vol. 25, no. 3, pp. 295–322, Sep. 1990, doi: 10.1080/10862969009547819.

[41]

J. Dewey and J. Bento, 'Activating children's thinking skills (ACTS): The effects of an infusion approach to teaching thinking in primary schools', British Journal of Educational Psychology, vol. 79, no. 2, pp. 329–351, Jun. 2009, doi: 10.1348/000709908X344754.

[42]

N. Ferguson, L.-A. Currie, M. Paul, and K. Topping, 'The longitudinal impact of a comprehensive literacy intervention', Educational Research, vol. 53, no. 3, pp. 237–256, Sep. 2011, doi: 10.1080/00131881.2011.598657.

[43]

C. Greenway, 'The Process, Pitfalls and Benefits of Implementing a Reciprocal Teaching Intervention to Improve the Reading Comprehension of a Group of Year 6 Pupils', Educational Psychology in Practice, vol. 18, no. 2, pp. 113–137, Jun. 2002, doi: 10.1080/02667360220144557.

[44]

Harris, Karen RPressley, Michael, 'The Nature of Cognitive Strategy Instruction: Interactive Strategy Construction', Exceptional Children, vol. 57, no. 5, 1991 [Online]. Available:

http://search.proguest.com/docview/201085755/fulltextPDF?accountid=14511

[45]

Hope J. Hartman, 'From Reciprocal Teaching to Reciprocal Education', Journal of Developmental Education, vol. 18, no. 1, pp. 2–32, 1994 [Online]. Available: http://www.jstor.org/stable/42775535?seq=1#page_scan_tab_contents

[46]

A. A. M. Houtveen and W. J. C. M. van de Grift, 'Effects of metacognitive strategy instruction and instruction time on reading comprehension', School Effectiveness and School Improvement, vol. 18, no. 2, pp. 173–190, Jun. 2007, doi: 10.1080/09243450601058717.

[47]

W. Hu et al., 'Effects of a "Learn to Think" intervention programme on primary school students', British Journal of Educational Psychology, vol. 81, no. 4, pp. 531–557, Dec. 2011, doi: 10.1348/2044-8279.002007.

[48]

S. Kolić-Vehovec and I. Bajšanski, 'Comprehension monitoring and reading comprehension in bilingual students', Journal of Research in Reading, vol. 30, no. 2, pp. 198–211, May 2007, doi: 10.1111/j.1467-9817.2006.00319.x.

[49]

M. Kelly, D. W. Moore, and B. F. Tuck, 'Reciprocal Teaching in a Regular Primary School Classroom', The Journal of Educational Research, vol. 88, no. 1, pp. 53–61, Sep. 1994, doi: 10.1080/00220671.1994.9944834.

[50]

S. Lubliner and L. Smetana, 'The Effects of Comprehensive Vocabulary Instruction on Title I Students' Metacognitive Word-Learning Skills and Reading Comprehension', Journal of Literacy Research, vol. 37, no. 2, pp. 163–200, 2005, doi: 10.1207/s15548430jlr3702_3.

[51]

D. B. Male, 'Helping Children with Learning Difficulties to Employ Mnemonic Strategies: A Role for Educational Psychologists', Educational Psychology in Practice, vol. 11, no. 1, pp. 10–17, Apr. 1995, doi: 10.1080/0266736950110102.

[52]

Z. R. Mevarech and B. Kramarski, 'The effects of metacognitive training versus worked-out examples on students' mathematical reasoning', British Journal of Educational Psychology, vol. 73, no. 4, pp. 449–471, Dec. 2003, doi: 10.1348/000709903322591181.

[53]

'Effects of Cognitive Strategy Instruction on Math Problem Solving of Middle School Students With Learning Disabilities', Learning Disability Quarterly, vol. 34, no. 4, pp. 262–272, Nov. 2011, doi: 10.1177/0731948711421762. [Online]. Available: http://ldg.sagepub.com/content/34/4/262.abstract

[54]

M. Maqsud, 'Effects of metacognitive instruction on mathematics achievement and attitude towards mathematics of low mathematics achievers', Educational Research, vol. 40, no. 2, pp. 237–243, Jun. 1998, doi: 10.1080/0013188980400210.

[55]

A. S. Palinscar and A. L. Brown, 'Reciprocal Teaching of Comprehension-Fostering and Comprehension-Monitoring Activities', Cognition and Instruction, vol. 1, no. 2, pp. 117–175, Mar. 1984, doi: 10.1207/s1532690xci0102 1.

[56]

A. S. Palincsar, A. L. Brown, and S. M. Martin, 'Peer Interaction in Reading comprehension Instruction', Educational Psychologist, vol. 22, no. 3–4, pp. 231–253, Jun. 1987, doi: 10.1080/00461520.1987.9653051.

[57]

A. S. Palincsar and L. Klenk, 'Fostering Literacy Learning in Supportive Contexts', Journal of Learning Disabilities, vol. 25, no. 4, pp. 211–225, Apr. 1992, doi: 10.1177/002221949202500402.

[58]

A. K. Salmon, 'Promoting a Culture of Thinking in the Young Child', Early Childhood Education Journal, vol. 35, no. 5, pp. 457–461, Apr. 2008, doi: 10.1007/s10643-007-0227-y.

[59]

I. Pramling, 'Developing Children's Thinking about their own Learning', British Journal of Educational Psychology, vol. 58, no. 3, pp. 266–278, Nov. 1988, doi: 10.1111/j.2044-8279.1988.tb00902.x.

[60]

W. Schneider and C. Artelt, 'Metacognition and mathematics education', ZDM, vol. 42, no. 2, pp. 149–161, Apr. 2010, doi: 10.1007/s11858-010-0240-2.

[61]

Michael. Shayer and Mundher. Adhami, 'Realizing the cognitive potential of children 5-7 with a mathematics focus: Post-test and long-term effects of a 2-year intervention', British Journal of Educational Psychology, vol. 80, no. 3, pp. 363–379, Sep. 2010, doi: 10.1348/000709909X482363.

[62]

R. A. Sperling, A. S. Richmond, C. M. Ramsay, and M. Klapp, 'The Measurement and Predictive Ability of Metacognition in Middle School Learners', The Journal of Educational Research, vol. 105, no. 1, pp. 1–7, Jan. 2012, doi: 10.1080/00220671.2010.514690.

[63]

F. Yarrow and K. J. Topping, 'Collaborative writing: The effects of metacognitive prompting and structured peer interaction', British Journal of Educational Psychology, vol. 71, no. 2, pp. 261–282, Jun. 2001, doi: 10.1348/000709901158514.

[64]

A. F. Ashman and R. N. F. Conway, Using cognitive methods in the classroom. London: Routledge, 1993.

[65]

L. B. Resnick, The nature of intelligence. Hillsdale, N.J.: Erlbaum, 1976.

[66]

Short, Elizabeth J.1,2, 'Relationship Between Memory and Metamemory Performance: A Comparison of Specific and General Strategy Knowledge', Journal of Educational Psychology, vol. 85, no. 3, pp. 412–423 [Online]. Available: http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext &AN=00004760-199309000-00003&LSLINK=80&D=ovft

[67]

J. Elliott, 'Dynamic Assessment in Educational Settings: Realising potential', Educational Review, vol. 55, no. 1, pp. 15–32, Feb. 2003, doi: 10.1080/00131910303253.

[68]

N. Frederickson and T. Cline, Special educational needs, inclusion and diversity, Third edition. Maidenhead, Berkshire, England: McGraw Hill/Open University Press, 2015 [Online]. Available:

http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=nlebk&AN=1172057&site=ehost-live&scope=site

[69]

Jensen, M., 'Mediating knowledge construction.', Educational and child psychology., vol. 20, no. 2, 2001 [Online]. Available:

http://encore.ulrls.lon.ac.uk/iii/encore/record/C__Rb1735175__Seducational%2520and%2520child%2520psychology__Orightresult__X5;jsessionid=6D1228ACE65A355678CC763A8501C872?lang=eng&suite=cobalt

08/18/25

[70]

T. P. Alloway and R. G. Alloway, 'Investigating the predictive roles of working memory and IQ in academic attainment', Journal of Experimental Child Psychology, vol. 106, no. 1, pp. 20–29, May 2010, doi: 10.1016/j.jecp.2009.11.003.

[71]

A. L. Duckworth and M. E. P. Seligman, 'Self-Discipline Outdoes IQ in Predicting Academic Performance of Adolescents', Psychological Science, vol. 16, no. 12, pp. 939–944, Dec. 2005, doi: 10.1111/j.1467-9280.2005.01641.x.

[72]

'Dynamic Assessment and Response to Intervention: Two Sides of One Coin - ProQuest'. [Online]. Available:

http://search.proquest.com/docview/194230253/1424695E3562E843782/2?accountid=145

[73]

Gipps, C. V., Beyond testing: towards a theory of educational assessment. London: RoutledgeFalmer, 1994 [Online]. Available: https://www.taylorfrancis.com/books/9780203486009

[74]

C. Missiuna and M. Samuels, 'Dynamic Assessment', Special Services in the Schools, vol. 5, no. 1–2, pp. 1–22, Aug. 1989, doi: 10.1300/J008v05n01 01.

[75]

Sternberg, Robert J. and Grigorenko, Elena, Dynamic testing: the nature and measurement of learning potential. Cambridge, UK: Cambridge University Press, 2002.

[76]

C. V. Gipps, Beyond testing: towards a theory of educational assessment. London: RoutledgeFalmer, 1994 [Online]. Available: https://www.taylorfrancis.com/books/9780203486009

[77]

'Item Display - Educational and child psychology'. [Online]. Available: http://ioe.sirsidynix.net.uk/uhtbin/cgisirsi/Mon+Feb++2+12:57:29+2015/0/0/5?user_id=W EBSERVER&search_type=KEYWORD&srchfield1=GENERAL%5ESUBJECT%5EGEN ERAL%5E%5Ewords+or+phrase&library=ALL&language=ANY&format=ANY&item_type=ANY&location=ANY&match_on=KEYWORD&sort_by=ANY&searchdata1=0267-1611%7B022%7D

[78]

'Item Display - Educational and child psychology'. [Online]. Available: http://ioe.sirsidynix.net.uk/uhtbin/cgisirsi/Mon+Feb++2+13:00:59+2015/0/0/5?user_id=W EBSERVER&search_type=KEYWORD&srchfield1=GENERAL%5ESUBJECT%5EGEN ERAL%5E%5Ewords+or+phrase&library=ALL&language=ANY&format=ANY&item_type=ANY&location=ANY&match_on=KEYWORD&sort_by=ANY&searchdata1=0267-1611%7B022%7D

[79]

L. S. Vygotskii and M. Cole, Mind in society: the development of higher psychological processes. Cambridge, Mass: Harvard University Press, 1978.

[80]

D. M. Chavis, J. H. Hogge, D. W. McMillan, and A. Wandersman, 'Sense of community through Brunswik's lens: A first look', Journal of Community Psychology, vol. 14, no. 1, pp. 24–40, Jan. 1986 [Online]. Available: https://onlinelibrary.wiley.com/doi/abs/10.1002/1520-6629%28198601%2914%3A1%3C24%3A%3AAID-JCOP2290140104%3E3.0.CO%3B2-P

[81]

H. M. Chipuer and G. M. H. Pretty, 'A review of the sense of community index: Current uses, factor structure, reliability, and further development', Journal of Community Psychology, vol. 27, no. 6, pp. 643–658, Nov. 1999 [Online]. Available: https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291520-6629%28199911%2927%3A6%3C643%3A%3AAID-JCOP2%3E3.0.CO%3B2-B

[82]

N. Frederickson, E. Simmonds, L. Evans, and C. Soulsby, 'Assessing the social and affective outcomes of inclusion', British Journal of Special Education, vol. 34, no. 2, pp. 105–115, Jul. 2007, doi: 10.1111/j.1467-8578.2007.00463.x.

[83]

D. W. McMillan and D. M. Chavis, 'Sense of community: A definition and theory', Journal of Community Psychology, vol. 14, no. 1, pp. 6–23, Jan. 1986 [Online]. Available: https://onlinelibrary.wiley.com/doi/abs/10.1002/1520-6629%28198601%2914%3A1%3C6%3A%3AAID-JCOP2290140103%3E3.0.CO%3B2-I

[84]

N. Frederickson, E. Simmonds, L. Evans, and C. Soulsby, 'Assessing the social and affective outcomes of inclusion', British Journal of Special Education, vol. 34, no. 2, pp. 105–115, Jul. 2007, doi: 10.1111/j.1467-8578.2007.00463.x.

[85]

'Catalogue - Senate House Libraries -- Educational and child psychology.' [Online]. Available:

http://encore.ulrls.lon.ac.uk/iii/encore/record/C__Rb1735175__Seducational%2520and%2520child%2520psychology__Orightresult X5?lang=eng&suite=cobalt

[86]

C. Albanesi, E. Cicognani, and B. Zani, 'Sense of community, civic engagement and social well-being in Italian adolescents', Journal of Community & Applied Social Psychology, vol. 17, no. 5, pp. 387–406, Sep. 2007, doi: 10.1002/casp.903.

[87]

B. Bastian and N. Haslam, 'Excluded from humanity: The dehumanizing effects of social ostracism', Journal of Experimental Social Psychology, vol. 46, no. 1, pp. 107–113, Jan. 2010, doi: 10.1016/j.jesp.2009.06.022.

[88]

Victor Battistich, Daniel Solomon, Dong-il Kim, Marilyn Watson and Eric Schaps, 'Schools as Communities, Poverty Levels of Student Populations, and Students' Attitudes, Motives, and

Performance: A Multilevel Analysis', American Educational Research Journal, vol. 32, no. 3, pp. 627–658, 1995 [Online]. Available: http://www.jstor.org/stable/1163326

[89]

V. Battistich and A. Hom, 'The relationship between students' sense of their school as a community and their involvement in problem behaviors.', American Journal of Public Health, vol. 87, no. 12, pp. 1997–2001, Dec. 1997, doi: 10.2105/AJPH.87.12.1997.

[90]

R. F. Baumeister and M. R. Leary, 'The need to belong: Desire for interpersonal attachments as a fundamental human motivation.', Psychological Bulletin, vol. 117, no. 3, pp. 497–529, 1995 [Online]. Available:

http://ovidsp.tx.ovid.com/sp-3.33.0b/ovidweb.cgi?QS2=434f4e1a73d37e8c8b3eab7e2fc8fd 7cdf614a880b31a0384c75f8d6df22999c887a2d42d2b959560d97885d9175759e11008ff0 374a9246f988ed265f9f983f4636e95f08057f4164b3fc38e875d80d6cda0b64a1e77a67849 ec32553dd809d768c2df75e1f5c16620f55079ea30b651152da223e7e157bf7a7131a21c47 e9ffd2e0f84810ba498c64afd7cf1494d57f1f6b00013ed3e1617704f8eb01e6dd20a51f1601 9f3461169f03a716dc3179fa11e35dd1b32f22e9c3fdf74a3adb2d79f12cea3a4cadc9605fd0 c8525c68b9a878ab675c21f68615b978a21d37f1bdbcf842694d68cf10ab7dd2e28b01ebdb 52ea7111845633e8141c67db574685af0dda82b7eb0139b4e2d34c7ae3dbc115c

[91]

M. Chiessi, E. Cicognani, and C. Sonn, 'Assessing Sense of Community on adolescents: validating the brief scale of Sense of Community in adolescents (SOC-A)', Journal of Community Psychology, vol. 38, no. 3, pp. 276–292, Apr. 2010, doi: 10.1002/jcop.20364.

[92]

P. L. Obst and K. M. White, 'Revisiting the Sense of Community Index: A confirmatory factor analysis', Journal of Community Psychology, vol. 32, no. 6, pp. 691–705, Nov. 2004, doi: 10.1002/jcop.20027.

[93]

K. F. Osterman, 'Students' Need for Belonging in the School Community', Review of Educational Research, vol. 70, no. 3, pp. 323–367, Jan. 2000, doi: 10.3102/00346543070003323.

[94]

M. A. Royal and R. J. Rossi, 'Individual-level correlates of sense of community: Findings from workplace and school', Journal of Community Psychology, vol. 24, no. 4, pp. 395–416, Oct. 1996 [Online]. Available:

https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291520-6629%28199610%2924%3A4%3C395%3A%3AAID-JCOP8%3E3.0.CO%3B2-T

[95]

W. Sturgess, Judy Dunn, Lisa Davies, 'Young children's perceptions of their relationships with family members: Links with family setting, friendships, and adjustment', International Journal of Behavioral Development, vol. 25, no. 6, pp. 521–529, Nov. 2001, doi: 10.1080/01650250042000500.

[96]

D. M. Chavis and G. M. H. Pretty, 'Sense of community: Advances in measurement and application', Journal of Community Psychology, vol. 27, no. 6, pp. 635–642, Nov. 1999 [Online]. Available:

https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291520-6629%28199911%2927%3A6%3C635%3A%3AAID-JCOP1%3E3.0.CO%3B2-F

[97]

A. A. Payne, D. C. Gottfredson, and G. D. Gottfredson, 'Schools as Communities: The relationships among communal school organization, student bonding, and school disorder', Criminology, vol. 41, no. 3, pp. 749–778, 2003, doi: 10.1111/j.1745-9125.2003.tb01003.x.

[98]

L. Bond et al., 'Social and School Connectedness in Early Secondary School as Predictors of Late Teenage Substance Use, Mental Health, and Academic Outcomes', Journal of Adolescent Health, vol. 40, no. 4, p. 357.e9-357.e18, Apr. 2007, doi: 10.1016/j.jadohealth.2006.10.013.

[99]

Cairns, Robert B. and Cairns, Beverley D., Lifelines and risks: pathways of youth in our time

. New York: Harvester Wheatsheaf, 1994.

[100]

J. Herrero and E. Gracia, 'Measuring perceived community support: Factorial structure, longitudinal invariance, and predictive validity of the PCSQ (perceived community support questionnaire)', Journal of Community Psychology, vol. 35, no. 2, pp. 197–217, Mar. 2007, doi: 10.1002/jcop.20143.

[101]

P. Obst, S. G. Smith, and L. Zinkiewicz, 'An exploration of sense of community, Part 3: Dimensions and predictors of psychological sense of community in geographical communities', Journal of Community Psychology, vol. 30, no. 1, pp. 119–133, Jan. 2002, doi: 10.1002/jcop.1054.

[102]

J. A. Pooley, L. Breen, L. T. Pike, L. Cohen, and N. M. Drew, 'Critiquing the school community: a qualitative study of children's conceptualizations of their school', International Journal of Qualitative Studies in Education, vol. 21, no. 2, pp. 87–98, Mar. 2008, doi: 10.1080/09518390701207517.

[103]

B. N. Uchino, 'Social Support and Health: A Review of Physiological Processes Potentially Underlying Links to Disease Outcomes', Journal of Behavioral Medicine, vol. 29, no. 4, pp. 377–387, Aug. 2006, doi: 10.1007/s10865-006-9056-5.

[104]

K. Witten, T. McCreanor, and R. Kearns, 'The place of schools in parents' community belonging', New Zealand Geographer, vol. 63, no. 2, pp. 141–148, Aug. 2007, doi: 10.1111/j.1745-7939.2007.00097.x.

[105]

'HeinOnline Printing'. [Online]. Available: http://www.heinonline.org/HOL/Print?handle=hein.journals/crim41&div=35&collection=journals&set as cursor=1&men tab=srchresults

[106]

'Building Community in School | Developmental Studies Center'. [Online]. Available: http://www.devstu.org/research-articles-and-papers-building-community-in-school-the-child-development-project

[107]

S. J. Maddox and R. J. Prinz, 'School bonding in children and adolescents: Conceptualisation, assessment and associated variables.', Clinical Child and Family Psychology Review, vol. 6, no. 1, pp. 31–49, 2003, doi: 10.1023/A:1022214022478.

[108]

'Using Appreciative Inquiry in educational research: Possibilities and limitations'. [Online]. Available: http://www.nfer.ac.uk/publications/aen01/aen01 home.cfm

[109]

R. F. Catalano, S. Oesterle, C. B. Fleming, and J. D. Hawkins, 'The Importance of Bonding to School for Healthy Development: Findings from the Social Development Research Group', Journal of School Health, vol. 74, no. 7, pp. 252–261, Sep. 2004, doi: 10.1111/j.1746-1561.2004.tb08281.x.

[110]

'Poorer children's educational attainment: how important are attitudes and behaviour?' [Online]. Available: http://www.jrf.org.uk/publications/educational-attainment-poor-children

[111]

'Sutton Trust - Social Mobility and Education'. [Online]. Available: http://www.suttontrust.com/researcharchive/social-mobility-education/

[112]

D. Hartas, 'Families' social backgrounds matter: socio-economic factors, home learning

and young children's language, literacy and social outcomes', British Educational Research Journal, vol. 37, no. 6, pp. 893–914, Dec. 2011, doi: 10.1080/01411926.2010.506945.

[113]

'The Achievement Gap', 15AD. [Online]. Available: https://www.bera.ac.uk/researchers-resources/publications/the-achievement-gap

[114]

C. Osborne, J. Alfano, and T. Winn, 'Paired Reading as a Literacy Intervention for Foster Children', Adoption & Fostering, vol. 34, no. 4, pp. 17–26, Dec. 2010, doi: 10.1177/030857591003400403.

[115]

'Social inequality: can schools narrow the gap?', 15AD. [Online]. Available: https://www.bera.ac.uk/researchers-resources/publications/social-inequality-can-schools-narrow-the-gap

[116]

Keith E. Stanovich, 'Matthew Effects in Reading: Some Consequences of Individual Differences in the Acquisition of Literacy', Reading Research Quarterly, vol. 21, no. 4, pp. 360–407 [Online]. Available: http://www.istor.org/stable/747612

[117]

Harvey Goldstein and Geoffrey Woodhouse, 'School Effectiveness Research and Educational Policy', Oxford Review of Education, vol. 26, no. 3/4, pp. 353–363, 2000 [Online]. Available: http://www.jstor.org/stable/1050763

[118]

'IZA - Institute for the Study of Labor'. [Online]. Available: http://www.iza.org/en/webcontent/publications/papers/viewAbstract?dp_id=6149

[119]

'Ofsted SEN Review', 14AD. [Online]. Available: https://www.gov.uk/government/publications/special-educational-needs-and-disability-review

[120]

A. O. Hirschman, The rhetoric of reaction: perversity, futility, jeopardy. Cambridge, Mass: Belknap Press, 1991.

[121]

M. L. Small, D. J. Harding, and M. Lamont, 'Reconsidering Culture and Poverty', The ANNALS of the American Academy of Political and Social Science, vol. 629, no. 1, pp. 6–27, 2010, doi: 10.1177/0002716210362077.

[122]

C. R. Snyder, 'TARGET ARTICLE: Hope Theory: Rainbows in the Mind', Psychological Inquiry, vol. 13, no. 4, pp. 249–275, Oct. 2002, doi: 10.1207/S15327965PLI1304 01.

[123]

D. Wastell and S. White, 'Blinded by neuroscience: social policy, the family and the infant brain', Families, Relationships and Societies, vol. 1, no. 3, pp. 397–414, Nov. 2012, doi: 10.1332/204674312X656301.

[124]

Siegler, Robert S., 'Development of academic skills', in Children's thinking, 4th ed., Intl. ed., Upper Saddle River, N.J.: Pearson/Prentice Hall, 2005, pp. 381–421 [Online]. Available: https://contentstore.cla.co.uk/secure/link?id=80d60cb4-3420-f011-81a2-de36721ebb7e

[125]

Goswami, Usha C., 'Reading and mathematical development', in Cognitive development: the learning brain, Hove: Psychology Press, 2008, pp. 334–371 [Online]. Available: https://bibliu.com/app/?bibliuMagicToken=tx4Gi2NSISpgBA6cu45ZMSBIVV2g0esk#/view/books/9781317410041/epub/OEBPS/html/ch18.html#page 458

[126]

Goswami, Usha C., Blackwell handbook of childhood cognitive development. Hoboken, NJ: Wiley InterScience, 2007 [Online]. Available: http://dx.doi.org/10.1002/9780470996652

[127]

R, Baillargeon, 'The Acquisition of Physical Knowledge in Infancy: A Summary in Eight Lessons', in The Wiley-Blackwell handbook of childhood cognitive development, 2nd ed., vol. Wiley-Blackwell handbooks of developmental psychology, Oxford: Wiley-Blackwell, 2011, pp. 47–83 [Online]. Available:

 $https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService\& amp; package_service_id=14387402700004761\& amp; institutionId=4761\& amp; customerId=4760\& amp; VE=true$

[128]

J. C. Ziegler and U. Goswami, 'Becoming literate in different languages: similar problems, different solutions', Developmental Science, vol. 9, no. 5, pp. 429–436, Sep. 2006, doi: 10.1111/j.1467-7687.2006.00509.x.

[129]

Ziegler, Johannes C., 'Reading Acquisition, Developmental Dyslexia, and Skilled Reading Across Languages: A Psycholinguistic Grain Size Theory', Psychological Bulletin, vol. 131, no. 1, pp. 3–29 [Online]. Available:

http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00006823-200501000-00001&LSLINK=80&D=ovft

[130]

A. Castles and M. Coltheart, 'Is there a causal link from phonological awareness to success in learning to read?', Cognition, vol. 91, no. 1, pp. 77–111, 2004, doi: 10.1016/S0010-0277(03)00164-1.

[131]

Muter, Valerie, 'Phonemes, Rimes, Vocabulary, and Grammatical Skills as Foundations of Early Reading Development: Evidence From a Longitudinal Study', Developmental Psychology, vol. 40, no. 5, pp. 665–681, 2004 [Online]. Available: http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=0006306

1-200409000-00002&LSLINK=80&D=ovft

[132]

J. V. Oakhill, K. Cain, and P. E. Bryant, 'The dissociation of word reading and text comprehension: Evidence from component skills', Language and Cognitive Processes, vol. 18, no. 4, pp. 443–468, Aug. 2003, doi: 10.1080/01690960344000008.

[133]

Cain, Kate, Reading development and difficulties: an introduction, vol. BPS textbooks in psychology. Oxford: Wiley-Blackwell, 2010.

[134]

S. Hallam and F. Castle, 'Exclusion from School: What can help prevent it?', Educational Review, vol. 53, no. 2, pp. 169–179, Jun. 2001, doi: 10.1080/00131910120055598.

[135]

C. Panayiotopoulos and M. Kerfoot, 'A Home and School Support Project for Children Excluded from Primary and First Year Secondary School', Child and Adolescent Mental Health, vol. 9, no. 3, pp. 109–114, Sep. 2004, doi: 10.1111/j.1475-3588.2004.00091.x.

[136]

Kinder, Kay, Wilkin, Anne, Wakefield, Alison, and National Foundation for Educational Research in England and Wales, Exclusion: who needs it? Slough, Berkshire: National Foundation for Educational Research, 1997.

[137]

C. Parsons, 'Achieving Zero Permanent Exclusions from School, Social Justice and Economy', FORUM, vol. 52, no. 3, pp. 395–404, 2010, doi: 10.2304/forum.2010.52.3.395.

[138]

T. Charlton, C. Panting, and H. Willis, 'Targeting exclusion, disaffection and truancy in secondary schools', Emotional and Behavioural Difficulties, vol. 9, no. 4, pp. 261–275, Jan. 2004, doi: 10.1177/1363275204050372.

[139]

P. Fenning and J. Rose, 'Overrepresentation of African American Students in Exclusionary Discipline The Role of School Policy', Urban Education, vol. 42, no. 6, pp. 536–559, 2007, doi: 10.1177/0042085907305039.

[140]

'ACE Education Advice CIC & ACE Education Training LLP | Search Results'. [Online]. Available:

http://www.ace-ed.org.uk/publications/download-advice-booklets/fixed-period-exclusion

[141]

S. Burton, "Over To You": Group work to help pupils avoid school exclusion, Educational Psychology in Practice, vol. 22, no. 3, pp. 215–236, 2006, doi: 10.1080/02667360600845778.

[142]

D. Gillborn, 'Ethnicity and Educational Performance in the United Kingdom: Racism, Ethnicity, and Variability in Achievement', Anthropology Education Quarterly, vol. 28, no. 3, pp. 375–393, Sep. 1997, doi: 10.1525/aeq.1997.28.3.375.

[143]

S. Hallam, 'Evaluation of Behavioural Management in Schools: A Review of the Behaviour Improvement Programme and the Role of Behaviour and Education Support Teams', Child and Adolescent Mental Health, vol. 12, no. 3, pp. 106–112, Sep. 2007, doi: 10.1111/j.1475-3588.2007.00442.x.

[144]

G. Lloyd, J. Stead, and A. Kendrick, 'Joined-up approaches to prevent school exclusion', Emotional and Behavioural Difficulties, vol. 8, no. 1, pp. 77–91, Jan. 2003, doi: 10.1080/13632750300507007.

[145]

'Ofsted Managing Challenging Behaviour'. [Online]. Available: https://www.excellencegateway.org.uk/content/eg1242

[146]

National Foundation for Educational Research in England and Wales., 'Educational research. Educational research' [Online]. Available: http://catalogue.ulrls.lon.ac.uk/search~S/i?00131881

[147]

'The Treatment Effect of School Exclusion on Unemployment by Alex Sutherland, Manuel Eisner:: SSRN'. [Online]. Available: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2380956

[148]

Frederickson, Norah, 'Do modern methods of teaching reading cause dyslexia?', in Educational psychology: topics in applied psychology, London: Hodder Education, 2008, pp. 103–120 [Online]. Available:

http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9781444116861

[149]

F. J. Duff and P. J. Clarke, 'Practitioner Review: Reading disorders: what are the effective interventions and how should they be implemented and evaluated?', Journal of Child Psychology and Psychiatry, vol. 52, no. 1, pp. 3–12, Jan. 2011, doi: 10.1111/j.1469-7610.2010.02310.x.

[150]

Snowling, Margaret J. and Hulme, Charles, The science of reading: a handbook, vol. Blackwell handbooks of developmental psychology. Malden: Blackwell, 2005.

[151]

Breznitz, Zvia, Reading, writing, mathematics and the developing brain: listening to many voices, vol. Literacy studies. Dordrecht: Springer, 2012.

[152]

F. R. Vellutino, J. M. Fletcher, M. J. Snowling, and D. M. Scanlon, 'Specific reading disability (dyslexia): what have we learned in the past four decades?', Journal of Child Psychology and Psychiatry, vol. 45, no. 1, pp. 2–40, Jan. 2004, doi: 10.1046/j.0021-9630.2003.00305.x.

[153]

S. White et al., 'The role of sensorimotor impairments in dyslexia: a multiple case study of dyslexic children', Developmental Science, vol. 9, no. 3, pp. 237–255, 2006, doi: 10.1111/j.1467-7687.2006.00483.x.

[154]

Aylward, E.H., 'Instructional treatment associated with changes in brain activation in children with dyslexia', Neurology, vol. 61, no. 2, pp. 212–219, 22AD [Online]. Available: http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=0000611 4-200307220-00014&LSLINK=80&D=ovft

[155]

P. J. Hatcher, C. Hulme, and M. J. Snowling, 'Explicit phoneme training combined with phonic reading instruction helps young children at risk of reading failure', Journal of Child Psychology and Psychiatry, vol. 45, no. 2, pp. 338–358, 2004, doi: 10.1111/j.1469-7610.2004.00225.x.

[156]

Snowling, Margaret J., Dyslexia, 2nd ed. Malden, MA: Blackwell Publishers, 2000.

[157]

'Journal of Child Psychology and Psychiatry, and Allied Disciplines', vol. 53, no. 5 [Online]. Available: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3492851/

[158]

'Intensive remedial instruction for children with severe reading disabilities: Immediate and long-term outcomes from two instructional approaches - ProQuest'. [Online]. Available: http://search.proquest.com/docview/194218914/1422D56DFEE61646701/6?accountid=14511

[159]

F. R. Vellutino et al., 'Cognitive profiles of difficult-to-remediate and readily remediated poor readers: Early intervention as a vehicle for distinguishing between cognitive and experiential deficits as basic causes of specific reading disability.', Journal of Educational Psychology, vol. 88, no. 4, pp. 601–638, 1996 [Online]. Available: http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext &AN=00004760-199612000-00002&LSLINK=80&D=ovft

[160]

G. Reid, I. Strnadová, and T. Cumming, 'Expanding horizons for students with dyslexia in the 21st century: universal design and mobile technology', Journal of Research in Special Educational Needs, vol. 13, no. 3, pp. 175–181, Jul. 2013, doi: 10.1111/1471-3802.12013.

[161]

Snowling, Margaret J. and Hulme, Charles, The science of reading: a handbook, vol. Blackwell handbooks of developmental psychology. Malden: Blackwell, 2005.

[162]

U. Frith, 'Paradoxes in the definition of dyslexia', Dyslexia, vol. 5, no. 4, pp. 192–214, Dec. 1999 [Online]. Available:

https://onlinelibrary.wiley.com/doi/10.1002/%28SICI%291099-0909%28199912%295%3A4%3C192%3A%3AAID-DYS144%3E3.0.CO%3B2-N

[163]

N. Frederickson and U. Frith, 'Identifying dyslexia in bilingual children: a phonological approach with inner London Sylheti speakers', Dyslexia, vol. 4, no. 3, pp. 119–131, Sep. 1998 [Online]. Available:

https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291099-0909%28199809%294%3A3%3C119%3A%3AAID-DYS112%3E3.0.CO%3B2-8

[164]

U. Goswami, 'Neuroscience and education: from research to practice?', Nature Reviews Neuroscience, vol. 7, no. 5, pp. 406–413, 2006, doi: 10.1038/nrn1907.

[165]

Karla K. Stuebing, 'Validity of IQ-Discrepancy Classifications of Reading Disabilities: A Meta-Analysis', American Educational Research Journal, vol. 39, no. 2, pp. 469–518, 2002 [Online]. Available: http://www.jstor.org/stable/info/3202529

[166]

M. J. Snowling and C. Hulme, The science of reading: a handbook, vol. Blackwell handbooks of developmental psychology. Malden: Blackwell, 2005.

[167]

M. J. Snowling and C. Hulme, 'Annual Research Review: The nature and classification of reading disorders - a commentary on proposals for DSM-5', Journal of Child Psychology and Psychiatry, vol. 53, no. 5, pp. 593–607, May 2012, doi: 10.1111/j.1469-7610.2011.02495.x.

[168]

Siegler, Robert S., 'Development of academic skills', in Children's thinking, 4th ed., Intl. ed., Upper Saddle River, N.J.: Pearson/Prentice Hall, 2005, pp. 381–421 [Online]. Available: https://contentstore.cla.co.uk/secure/link?id=80d60cb4-3420-f011-81a2-de36721ebb7e

[169]

Goswami, Usha C., 'Reading and mathematical development', in Cognitive development: the learning brain, Hove: Psychology Press, 2008, pp. 334–371 [Online]. Available: https://bibliu.com/app/?bibliuMagicToken=tx4Gi2NSISpgBA6cu45ZMSBIVV2g0esk#/view/books/9781317410041/epub/OEBPS/html/ch18.html#page 458

[170]

R. S. Siegler, 'Implications of cognitive science research for mathematics education', in A research companion to principles and standards for school mathematics, J. Kilpatrick, W. G. Martin, and D. Schifter, Eds. Reston, VA: National Council of Teachers of Mathematics, 2003, pp. 289–303 [Online]. Available:

https://contentstore.cla.co.uk/secure/link?id=66cd12f5-1619-f011-81a2-842121568115

[171]

Goswami, Usha C., Blackwell handbook of childhood cognitive development. Hoboken, NJ: Wiley InterScience, 2007 [Online]. Available: http://dx.doi.org/10.1002/9780470996652

[172]

R, Baillargeon, 'The Acquisition of Physical Knowledge in Infancy: A Summary in Eight Lessons', in The Wiley-Blackwell handbook of childhood cognitive development, 2nd ed., vol. Wiley-Blackwell handbooks of developmental psychology, Oxford: Wiley-Blackwell, 2011, pp. 47–83 [Online]. Available:

 $https://ucl.primo.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService\& amp; package_service_id=14387402700004761\& amp; institutionId=4761\& amp; customerId=4760\& amp; VE=true$

[173]

S. Birch, T. Cline, and A. Gulliford, Educational psychology: topics in applied psychology, Second edition. London: Routledge, 2015.

[174]

M. H. Ashcraft, 'Math Anxiety: Personal, Educational, and Cognitive Consequences', Current Directions in Psychological Science, vol. 11, no. 5, pp. 181–185, Oct. 2002, doi: 10.111/1467-8721.00196.

[175]

D. C. Geary, 'International Differences in Mathematical Achievement: Their Nature, Causes, and Consequences.', Current Directions in Psychological Science, vol. 5, no. 5, pp. 133–137, Oct. 1996, doi: 10.1111/1467-8721.ep11512344.

[176]

'Developing Conceptual Understanding and Procedural Skill in Mathematics: An Iterative Process', Journal of Educational Psychology, vol. 93, no. 2, pp. 346–362, 2001 [Online].

Available:

 $http://ovidsp.ovid.com/ovidweb.cgi?T=JS\&CSC=Y\&NEWS=N\&PAGE=fulltext\&AN=0000476\\0-200106000-00010\&LSLINK=80\&D=ovft$

[177]

Geary, David C., 'Reflections of Evolution and Culture in Children's Cognition: Implications for Mathematical Development and Instruction', American Psychologist, vol. 50, no. 1, pp. 24–37 [Online]. Available:

 $http://ovidsp.ovid.com/ovidweb.cgi?T=JS\&CSC=Y\&NEWS=N\&PAGE=fulltext\&AN=0000048\\7-199501000-00003\&LSLINK=80\&D=ovft$

[178]

G. Hatano, 'Social and motivational bases for mathematical understanding', New Directions for Child and Adolescent Development, vol. 1988, no. 41, pp. 55–70, Autumn 1988, doi: 10.1002/cd.23219884105.

[179]

R. Hembree, 'The Nature, Effects, and Relief of Mathematics Anxiety', Journal for Research in Mathematics Education, vol. 21, no. 1, pp. 33–46, Jan. 1990, doi: 10.2307/749455.

[180]

K. Moeller, L. Martignon, S. Wessolowski, J. Engel, and H.-C. Nuerk, 'Effects of finger counting on numerical development – the opposing views of neurocognition and mathematics education', Frontiers in Psychology, vol. 2, pp. 1–5, 2011, doi: 10.3389/fpsyg.2011.00328. [Online]. Available: http://journal.frontiersin.org/article/10.3389/fpsyg.2011.00328/full

[181]

Nunes, Terezinha and Bryant, Peter, Children doing mathematics, vol. Understanding children's worlds. Oxford: Blackwell, 1996.

[182]

T. Nunes, D. W. Carraher, and A. D. Schliemann, Street mathematics and school mathematics, vol. Learning in doing:social, cognitive&computational perspectives.

Cambridge: Cambridge University Press, 1993.

[183]

J. Opfer and R. Siegler, 'Representational change and children's numerical estimation', Cognitive Psychology, vol. 55, no. 3, pp. 169–195, Nov. 2007, doi: 10.1016/j.cogpsych.2006.09.002.

[184]

Phelps, Erin and Damon, William, 'Problem Solving With Equals: Peer Collaboration as a Context for Learning Mathematics and Spatial Concepts', Journal of Educational Psychology, vol. 81, no. 4, pp. 639–646 [Online]. Available:

http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00004760-198912000-00023&LSLINK=80&D=ovft

[185]

L. J. Rips, A. Bloomfield, and J. Asmuth, 'From numerical concepts to concepts of number', Behavioral and Brain Sciences, vol. 31, no. 06, pp. 623–687, Dec. 2008, doi: 10.1017/S0140525X08005566.

[186]

Schneider, Michael1, 'The Developmental Relations Between Conceptual and Procedural Knowledge: A Multimethod Approach', Developmental Psychology, vol. 46, no. 1, pp. 178–192 [Online]. Available:

 $http://ovidsp.ovid.com/ovidweb.cgi?T=JS\&CSC=Y\&NEWS=N\&PAGE=fulltext\&AN=0006306\\1-201001000-00016\&LSLINK=80\&D=ovft$

[187]

Leonard Springer, Mary Elizabeth Stanne and Samuel S. Donovan, 'Effects of Small-Group Learning on Undergraduates in Science, Mathematics, Engineering, and Technology: A Meta-Analysis', Review of Educational Research, vol. 69, no. 1, pp. 21–51 [Online]. Available: http://www.jstor.org/stable/1170643

[188]

Siegler, Robert S., 'Conscious and Unconscious Strategy Discoveries: A Microgenetic

Analysis', Journal of Experimental Psychology: General, vol. 127, no. 4, pp. 377–397 [Online]. Available:

http://ovidsp.ovid.com/ovidweb.cgi?T=JS&CSC=Y&NEWS=N&PAGE=fulltext&AN=00004785-199812000-00003&LSLINK=80&D=ovft

[189]

D. H. Uttal, K. V. Scudder, and J. S. DeLoache, 'Manipulatives as symbols: A new perspective on the use of concrete objects to teach mathematics', Journal of Applied Developmental Psychology, vol. 18, no. 1, pp. 37–54, 1997, doi: 10.1016/S0193-3973(97)90013-7.