#### REFERENCES

- Aidoo, A. (2008). Positioning ECD nationally: Trends in selected African countries. In A. Pence, M. Garcia & J. Evans (Eds.), *Africa's future, Africa's challenge early childhood care and development in sub-Saharan Africa*. Washington: The World Bank.
- Alant, E., Tesner, H., & Taljaardt, E. (1992). Narrative performance in context: analysis and implications within a South African context. *Child Language Teaching and Therapy*, 8, 188-204.
- Aldridge, A., & Levine, K. (2001). Surveying the Social World: principles and practice in survey research Great Britain: Library of Congress cataloguing-in- Publication Data.
- American Academy of Pediatrics. (1999). Media Education. *Pediatrics*, 104, 341-343.
- ASHA. (2005). Annual *Report*. Johannesburg: ASHA Preschool Association.
- Bacigalupa, C. (2005). The use of video games by kindergartners in a family child care setting. *Early Childhood Education Journal*, 33(1), 25-31.
- Balton, S. (2004). Changing the present to change the future: The Parent-Child Language Programme. *Perspectives in Education*, 22(2), 143-146.
- Barnwell, D., & Monimalika, D. (1996). Strategies for working with families of young children with disabilities. In P. J. Beckman (Ed.), *Providing a support to diverse families*. Baltimore: Paul. H. Brookes.
- Bartowski, J. P., Xu, X., & Levin, M. L. (2008). Religion and child development: Evidence from the Early Childhood Longitudinal study. *Social Science Research*, *37*, 18-36.
- Beal, J., Crankshaw, O., & Parnell, S. (2002). *Uniting a divided city: governance and social exclusion in Johannesburg*. London: Earthscan.
- Beals, D. E. (1997). Sources of support for learning words in conversation: evidence from mealtimes. *Journal of Child Language*, 24, 673-694.
- Beckert, T. E., Strom, P. S., & Strom, R. D. (2004). Parent expectations of young children in Taiwan. *Early Childhood Research and Practice*, 6, 2.
- Bernheimer, L., & Keogh, B. (1995). Weaving interventions into the fabric of everyday life: An approach to family assessment. *Topics in Early Childhood Education*, 15, 415-434.

- Bernheimer, L., & Weisner, T. (2007). "Let me just tell you what I do all day." The family story at the centre of research and practice. *Infants and Young Children*, 20(3), 192-201.
- Berry, J. W. (2003). Ecocultural perspective on human psychological development. In T. S. Saraswathi (Ed.), *Cross-cultural perspectives in Human Developmental Theory, Research and Applications*. New Delhi: Sage.
- Bohman, D., Vasuthevan, S., van Wyk, N., & Ekman, S. (2007). "We clean our houses, prepare for weddings and go to funerals": Daily lives of elderly Africans in Majaneng, South Africa. *Journal of cross-cultural gerontology*, 22, 323-337.
- Bois, J. E., Sarrazin, G., Brustad, R. J., Trouilloud, D., & Cury, F. (2005). Elementary schoolchildren's perceived competence and physical activity involvement: the influence of parent's role modelling behaviours and perceptions of their child's competence. *Psychology of Sport and Exercise*, 6, 381-397.
- Bornstein, M. H., & Cote, L. R. (2004). Mothers' parenting cognitions in cultures of origin, acculturating cultures, and cultures of destination. *Child Development*, 75(1), 221-235.
- Bowden, A., Fox-Rushby, J., Nyandieka, L., & Wanju, J. (2002). Methods for pretesting and piloting survey questions: illustrations from KENQOL survey of health-related quality of life. *Health Policy and Planning*, 17(3), 322-330.
- Bray, R., & Brandt, R. (2007). Child care and poverty in South Africa. *Journal of children and poverty*, 13(1), 1-19.
- Bronfenbrenner, U. (1992). Ecological systems theory. In R. Vasta (Ed.), Six theories of child development: revised formulations and current issues. London: Jessica Kingsly Publishers Ltd.
- Bronfenbrenner, U. (1999). Environments in developmental perspective: Theoretical and operational models. In S. L. Friedman & T. D. Wachs (Eds.), *Measuring Environment across the Life Span*. Washington: American Psychological Association.
- Bronfenbrenner, U. (2005). *Making human beings human: Bioecological perspectives on human development.* California: Sage Publications.
- Brouwers, S. A., Mishra, R., & van de Vijver, J. R. (2006). Schooling and everyday cognitive development among Kharwar children in India: a natural experiment. *International Journal of Behavioral Development*, 30(6), 559-567.

- Burdette, H. L., & Whitaker, R. C. (2005). A national study of neighbourhood safety, outdoor play, television viewing, and obesity in preschool children. *Pediatrics*, 116, 657-662.
- Burnett, C., & Hollander, W. J. (2004). The South African indigenous games research project of 2001/2002. South African Journal for Research in Sport, Physical Education and recreation, 26(1), 9-23.
- Burns, A., & Radford, J. (2008). Parent-child interaction in Nigerian families: conversation analysis, context and culture. *Child Language Teaching and Therapy*, 24(2), 193-209.
- Carpenter, B. (2000). Sustaining the family: Meeting the needs of families of children with disabilities. *British Journal of Special Education*, 27(3), 135-144.
- Carver, A., Timperio, A., & Crawford, D. (2008). Playing it safe: The influence of neighbourhood safety on children's physical activity- A review. *Health and place*, 14, 217-227.
- Centre for Early Literacy. (2008). Sure winner lap games. *Cell practices*. Retrieved September 20, 2008, from <a href="http://earlyliteracy.org">http://earlyliteracy.org</a>.
- Child Trends. (2005).Family meals. *Child trend data bank*. Retrieved September 18, 2008, from <a href="https://www.childtrendsdatabank.org">www.childtrendsdatabank.org</a>.
- Connard, C., & Novick, R. (1996). *The Ecology of the family*. Unpublished manuscript, Oregan.
- Cooper, C. R., & Denner, J. (1998). Theories linking culture and psychology: Universal and Community specific processes. *Annual Review Psychology*, 49(559-584).
- Crankshaw, O., Gilbert, A., & Morris, A. (2000). Backyard Soweto. *International Journal of Urban and Regional Research*, 24, 841-857.
- Creswell, J. W. (2003). Research design: Qualitative, quantitative and mixed method approaches. California: Sage Publications.
- Črneč, R., Wilson, S. J., & Prior, M. (2006). The cognitive and academic benefits of music to children: Facts and fiction. *Educational Psychology*, 26(4), 579-594.
- Cutspec, P. A. (2006). Oral storytelling within the context of the parent-child relationship. *Talaris Research Institute*, 1(2), 1-8.
- Czaja, R. (2005). Designing surveys: a guide to decisions and procedures. California: Sage.

- Dasen, P. R. (2003). Theoretical frameworks in cross-cultural developmental psychology: An attempt at integration. In T. S. Saraswathi (Ed.), *Cross Cultural Perspectives in Human Development*. Delhi: Sage.
- Dawes, A., & Donald, D. (2005). Child-context relationships and developmental outcomes-some perspectives on poverty and culture. Pretoria: HSRC.
- DeFrain, J., & Asay, S. M. (2007). Epilogue: A strengths based conceptual framework for understanding families world-wide. *Marriage and Family review*, 41, 447-466.
- Department of Education. (2001). White paper 6 on Special Needs Education: Building an Inclusive Education and Training system. Department of Education, Pretoria: South Africa: Government Printer.
- Denac, O. (2008). A case study of preschool children's musical interests at home and at school. *Early Childhood Education Journal*, *35*, 439-444.
- Dhingra, R., Manhus, S., & Raina, A. (2005). Play pattern in preschool setting. *Journal of Human Ecology*, 18(1), 21-25.
- Dils, A. (2007). Why dance literacy? *Journal of the Canadian Association for Curriculum Studies*, 5(2), 95-113.
- Du Plessis, C. (2001). Sustainability and sustainable construction: the African context. *Building research and information*, 29(5), 374-380.
- Dunst, C. (2001). Participation of young children with disabilities in community learning activities. In M. Guralnick (Ed.), *Early childhood inclusion: Focus on change*. Baltimore: Paul. H Brookes Publishing.
- Dunst, C., (2002). Family-centered practices: Birth through high school. *The Journal of Special Education*, 36(3), 139-147.
- Dunst, C., & Bruder, M. (1999a). Increasing children's learning opportunities in the context of family and community life. *Children's Learning Opportunities Report*, *I*(1).
- Dunst, C., & Bruder, M. (1999b). Family and community activity settings, natural learning environments, and children's learning opportunities. *Children's Learning Opportunities Report*, 1(2).
- Dunst, C., Bruder, M., Trivette, C. & Hamby., D. (2006). Young children's natural learning environments: contrasting approaches to early childhood intervention indicate differential learning opportunities. *Psychological Reports*, 96, 231-234.

- Dunst, C., Bruder, M., Trivette, C., Hamby, D., Raab, M., & McLean, M. (2001). Characteristics and consequences of everyday learning opportunities. *Topics in Early Childhood Special Education*, 21, 68-92.
- Dunst, C., Bruder, M., Trivette, C., Raab, M., & McLean, M. (1998). Increasing children's learning opportunities in the context of family and community life: *Year 2 progress report*. Asheville, NC: Orelena Hawks Puckett Institute.
- Dunst, C., & Hamby, D. (1999). Family life as sources of children's learning opportunities. *Children's Learning Opportunities Report 1*(3).
- Dunst, C., Trivette, C., Alant, E., & Uys, K. (2006). Personal communication.
- Dunst, C. Trivette, C, Hamby, D., & Bruder, M. (2006). Influences of contrasting natural learning environment experiences on child, parent and family well being. *Journal of Family and Physical Disabilities*, 18(3), 235-250.
- Dunst, C., Trivette C, Humphries, T., Raab, M., & Roper, N. (2001). Contrasting approaches to natural learning environment interventions. *Infants and Young Children*, 14(2), 48-63.
- Eisner, E. (1998). Does experience in the arts boost academic achievement? *NSEAD*, 51-60.
- Eloff, I., & de Wet, A. (2007). Opting for assets to enrich pre-school learning. *Early Child Development and Care, iFirst* Article, 1-13.
- Evans, J. (1994). *Child-rearing practices in Sub-Saharan Africa: An introduction to the studies*. The consultative group on Early Childhood Care and Development, Washington: The World Bank.
- Evans, J., Matola, C., & Nyeko, J. (2008). Parenting challenges for the changing African Family. In M. Garcia, A. Pence & J. Evans (Eds.), *Africa's future, Africa's challenge: early childhood development in sub-Saharan Africa*. Washington: The World Bank.
- Farver, J. A. (1999). Activity setting analysis: A model for examining the role of culture in development. In A. Göncu (Ed.), *Children's engagement in the world: Sociocultural perspectives.* Cambridge: Cambridge University Press.
- Fiese, B. H., & Marjinsky, A. T. (1999). Dinnertime stories: Connecting family practices with relationship beliefs and child adjustment. In B. H. Fiese, A. J. Sameroff, S. Wamboldt, S. Dickstein & D. Fravel (Eds.), *The stories that families tell: Narrative coherence, narrative interactions and relationship beliefs.* Vol. 64, pp. 52-68. Malden: Blackwell.

- Fiese, B. H., Tomcho, T., Douglas, M., Josephs, K., Poltrock, S., & Baker, T. (2002). A review of 50 years of research on naturally occurring family routines and rituals: Cause for celebration? *Journal of Family Psychology*, *16*(4), 381-390.
- Furth, H. G. (1996). *Desire for society, children's knowledge as social imagination*. New York: Springer.
- Gallimore, R., Goldenberg, N., & Weisner, T. (1993). The social construction and subjective reality of activity settings: Implications for community psychology. *American Journal of Community Psychology*, 21(4), 537-559.
- Garcia, M., Viranta, G., & Dunkelberg, E. (2008). The state of young children in Sub-Saharan Africa. In M. Garcia, A. Pence & J. Evans (Eds.), *Africa's future, Africa's challenge: early childhood care and development in Sub-Saharan Africa*. Washington: The World Bank.
- Gaskins, S. (1999). Children's daily lives in a Mayan village: A case study of culturally constructed roles and activities. In A. Göncü (Ed.), *Children's engagement in the world: Sociocultural Perspectives*. Chicago: Cambridge University Press.
- Gauvain, M. (2003). Sociocultural contexts of learning. In A. Maynard & I. Martini (Eds.), *Learning in a cultural context: family, peers and school.* New York: Springer.
- Geiger, M., & Alant, E. (2005). Child-rearing practices and children's communicative interactions in a village in Botswana. *Early Years*, 25(2), 183-191.
- Georgas, J., Van de Vijver, F., & Berry, J. W. (2004). The ecocultural framework, ecosocial indices and psychological variables in cross-cultural research. *Journal of cross-cultural psychology*, *35*(1), 74-96.
- Giagazaglou, P., Kyporos, A., Fotiadou, E., & Angelopoulou, N. (2007). The effect of residence area and mother's education on motor development of preschool children in Greece. *Early Child Development and Care*, 177(5), 479-492.
- Gilbert, L., & Soskolne, V. (2003). Health, ageing and social differentials: A case study of Soweto, South Africa. *Journal of Cross-Cultural Gerontology*, 18(2), 105-125.
- Gill, S., Winters, D., & Friedman, D. S. (2006). Educators' view of pre-kindergarten and kindergarten readiness and transition practices. *Contemporary Issues in Early Childhood*, 7(3), 213-227.
- Greenfield, P. M., Keller, H., Fuligni, A., & Maynard, A. (2003). Cultural pathways through universal development. *Annual Review Psychology*, *54*, 461-490.

- Goldenberg, C., Gallimore R., & Reese, L. (2001). Using mixed methods to explore Latino children's literacy development. Paper presented at Pathways through classrooms, schools and neighbourhoods. Santa Monica.
- Göncü, A., Tuermer, U., Jain, J., & Johnson, D. (1999). Children's play as cultural activity. In A. Göncü (Ed.), *Children's engagement in the world: Sociocultural perspectives*. Chicago: Cambridge University Press.
- Guralnick, M. J. (1997). Introduction. In M. J. Guralnick (Ed.), *The effectiveness of early intervention*. Baltimore: Paul H Brookes Publishing.
- Hammer, C. S., Rodriguez, B. L., Lawrence, F. R., & Miccio, A. W. (2007). Peurto Rican mothers' beliefs and home literacy practices. *Language, Speech, and Hearing Services in Schools 38*, 216-224.
- Hanks, T. L. (2008). The ubuntu paradigm: Psychology's next force? *Journal of Humanistic Psychology*, 48(1), 116-135.
- Harry, B. (2002). Trends and issues in serving culturally diverse families of children with disabilities. *The Journal of Special Education*, *36*(3), 132-1140.
- Heary, C. M., & Hennessy, E. (2002). The use of focus group interviews in pediatric health care research. *Journal of Pediatric Psychology*, 27(1), 2002.
- Heath, S. (1989). The learner as cultural member. In M. Rice & R. Schiefelbusch (Eds.), *The teachability of language*. Baltimore: MD: Paul H. Brookes Publishing.
- Helman, C. (1994). *Culture, health and illness: An introduction for health professionals*. Oxford: Butterworth- Heinemann.
- Hodges, B. H. (2007). Good prospects: ecological and social perspectives on conforming, creating and caring in conversation. *Language Sciences*, 29, 584-604.
- Iarossi, G. (2006). The power of survey design: A user's guide for managing surveys, interpreting results and influencing respondents. Washington: The World Bank.
- Ilgaz, H., & Aksu-Koc, A. (2005). Episodic development in preschool children's play: Prompted and direct narratives. *Cognitive Development*, 20(4), 526-544.
- Integrated National Disability Strategy. (1997). White paper on an Integrated National Disability Strategy. Office of the President, T.M. Mbeki. Rustica Press, Cape Town.
- Javo, C., Ronning, J., & Heyerdahl, S. (2004). Child-rearing in an indigenous Sami population in Norway: A cross cultural comparison of parental attitudes and expectations. *Scandinavian Journal of Psychology*, 45, 67-78.

- Jewkes, R., Penn-Kekana, L., & Rose-Junius, H. (2005). "If they rape me, I can't blame them": Reflections on gender in social context of child rape in South Africa and Namibia. *Social Science and Medicine*, 61, 1809-1820.
- Jordan, A. B. (2005). Learning to use books and television: An exploratory study in the ecological perspective. *American Behavioural Scientist*, 48(5), 523-538.
- Kagitcibasi, C. (2003). Human development across cultures: A contextual-functional analysis and implications for interventions. In S. Saraswathi (Ed.), *Cross-cultural perspectives in Human Developmental Theory, Research and Applications*. New Delhi: Sage.
- Keller, H., Borke, J., Yovsi, R., Lohaus, A., & Jensen, H. (2005). Cultural orientations and historical changes as predictors of parenting behaviour. *International Journal of behavioural Development*, 29(3), 229-237.
- Kelly, K., Clark, B., Brown, V., & Sitzia, J. (2003). Good practice in the conduct and reporting of survey research. *International Journal for Quality in Health Care*, 15(3), 261-266.
- Kim, P., Miranda, T., & Olaciregui, C. (2008). Pocket school: Exploring mobile technology as a sustainable literacy education option for underserved indigenous children in Latin America. *International Journal of Educational Development*, 28, 435-445.
- Krueger, R. A., & Casey, M. A. (2000). Focus groups: A practical guide for applied research. California: Sage.
- Kruger, J., & Chawla, L. (2005). "We know something someone doesn't know..." Children speak out on local conditions in Johannesburg. *Children, Youth and Environments*, 15(2), 89-104.
- Kumar, R. (2005). Research methodology: A step by step guide for beginners. California: Sage.
- Kyratzis, A. (2005). Language and culture: Socialization through personal storytelling practice. *Human Development*, 48, 146-150.
- Larson, R. W., Branscomb, K. R., & Wiley, A. R. (2006). Forms and functions of family mealtimes: Multidisciplinary Perspectives. *New Directions for Child and Adolescent Development, 111*, 1-15.
- Lawhon, T., & Cobb, J. (2002). Routines that build emergent literacy skills in infants, toddlers, and preschoolers. *Early Childhood Education Journal*, 30(2), 113-118.

- Lee, J. H. (2005). Impact assessment of "Takalani Sesame" II Programme. Retrieved June 17, 2008 from http://www.comminit.com.
- Lerner, R. M. (2005). Urie Bronfenbrenner: Career contributions of the consummate developmental scientist. In U. Bronfenbrenner (Ed.), *Making human beings human: Bioecological perspectives on human development*. California: Sage Publications.
- Leu, J. C. (2008). Early childhood music education in Taiwan: An Ecological Systems perspective. *Arts Education Policy Review*, 109(3), 17-25.
- LeVine, R. A., Dixon, S., LeVine, S., Richman, A. L., Leiderman, P. H., Keifer, C. H., et al. (1994). *Child care and culture: Lessons from Africa*. New York: Cambridge University Press.
- Liddell, C. (1994). South African children in the year before school: Towards a predictive model of everyday behaviour. *International Journal of Psychology*, 29(4), 409-430.
- Liddell, C., Masilela, P., Rapodile, J., & Strydon, N. (1989). Effects of a play-based enrichment package on the play patterns and cognitive competence in Black South African children in day care. Pretoria: Human Sciences Research Council.
- Lightelm, A. (2005). Informal retailing through home-based micro-enterprises: the role of spaza shops. *Development Southern Africa*, 22(2), 199-214.
- Lobo, B. Y., & Winsler, A. (2006). The effects of a creative dance and movement program on the social competence of head start preschoolers. *Social Development*, 15(3), 501-519.
- Lorenzo-Lasa, R., Ideishi, R. I., & Ideishi, S. K. (2007). Facilitating preschool learning and movement through dance. *Early Childhood Education Journal*, *35*(1), 25-31.
- Lynn, M. R. (1986). Determination and quantification of content validity. *Nursing Research*, 35(6), 382-386.
- MacDonald, J. H. (2008). *Handbook of Biological Statistics*. Sparky House Publishing: Baltimore.
- Macy, M. (2008). Theory and theory-driven practices of activity based intervention. Journal of Early and Intensive Behaviour Intervention, 4(3), 562-585.
- Mathers, N., Fox, N., & Hunn, A. (2002). *Using interviews in a research project*. Sheffield: Institute of General Practice.

- Mazibuko, Z. (2007, December 1). Soweto's battle of the malls. City Press.
- McIntyre, M., & Kelly, R. (1996). Creative activities and seatwork. *Ladybug*, 6(12), 34-36.
- McMillan, J. H., & Schumacher, S. (2001). *Research in education*. USA: Addison Wesley Longman, Inc.
- Meisels, S. J., & Shonkoff, J. P. (2000). Early Childhood Education: A continuing evolution. In J. P. Shonkoff & S. J. Meisels (Eds.), *Handbook of Early Childhood Education*. Cambridge: Cambridge University Press.
- Mercer, J. A. (2006). Children as mystics, activists, sages, and holy fools: Understanding the spirituality of children and its significance for clinical work. *Pastoral Psychology*, 54(5), 497-515.
- Missal, K. N., McConnell, S. C., & Cadigan, K. (2006). Early literacy development: Skill growth and relations between classroom variables for preschool children. *Journal of Early Intervention*, 29(1), 1-21.
- Mnyaka, M., & Motlhabi, M. (2005). The African concept of ubuntu/botho and its social-moral significance. *Black Theology*, *3*(2), 215-237.
- Moeno, S. N. (2006). Family life in Soweto, Gauteng. In Y. Ohebeneba-Sakyi & B. K. Takyi (Eds.), *African families at the turn of the 21st century*. Westport: Praeger Publishers.
- Morris, A. (1999). *Change and continuity: A survey of Soweto in the late 1990s*. Johannesburg: University of the Witwatersrand.
- Morris, A. (2004). A decade of post-apartheid. *Journal of South African and American Comparative Studies*, 14(13), 1-13.
- Murray, S. (1997). An academic milling around 'the mall': (De)constructing cultural knowledge. *Critical Arts*, 11(1-2), 153-176.
- Neff, K. (2003). Understanding how universal goals of independence and interdependence are manifested within particular cultural contexts. *Human Development*, 46, 312-318.
- Nkosi, B., & Daniels, P. (2007). Family strengths: South Africa. *Marriage and Family Review*, 41, 11-26.
- Nsamenang, B. (1992). Human development in a cultural context: A third world perspective. Newbury Park: Sage Publications.



- Nsamenang, B. (2003). Conceptualizing human development and education in sub-Saharan Africa at the interface of indigenous and exogenous influences. In S. Saraswathi (Ed.), *Cross-cultural perspectives in Human Developmental Theory, Research and Applications*. New Delhi: Sage.
- Nsamenang, B. (2008a). A critical peek at Early Childhood Care and education in Africa. *Child Health and Education*, 1(1), 1-12.
- Nsamenang, B. (2008b). (Mis)understanding ECD in Africa: The force of local and global motives. In M. Garcia, A. Pence & J. Evans (Eds.), *Africa's future, Africa's challenge: early childhood care and development in Sub-Saharan Africa*. Washington: The World Bank
- Norton, D. G. (1990). Understanding the early experience of black children in high risk environments: Culturally and ecologically relevant research as a guide to support for families. *Zero to Three*, *X*(4), 1-7.
- Noumbissi, A., & Zuberi, T. (2001). *Household structure and aging in South Africa: A research note*. Paper presented at the Virtual conference on African households, University of Pennsylvania.
- Nussbaum, B. (2003). Ubuntu: Reflections of a South African on our common humanity. *Reflections*, 4(4), 21-26.
- Odendaal, N. (2006). Towards the digital city in South Africa: Issues and constraints. *Journal of Urban Technology, 13*(3), 29-48.
- Ogunnaike, O. A. (2002). Yoruba toddlers engagement and cognitive performance on the Yoruba mental subscale. *International Journal of Behavioral Development*, 26(2), 145-153.
- Oheneba-Sakyi, Y., & Takyi, B. K. (Eds.). (2006). *African families at the turn of the 21st century*. Westport: Greenwood Publishing Group Inc.
- O'Neill, S. A. (2005). Youth music engagement in diverse contexts. In L. Mahoney, R. W. Larson & S. Eccles (Eds.), Organized activities as contexts of development: extracurricular activities, after school and community programs. New Jersey: Lawrence Erlbaum.
- Parmar, P., Harkness, S., & Super, C. (2004). Asian and Euro-American parents' ethnotheories of play and learning: Effects on preschool and children's home routines and school behaviour. *The International Society for the Study of Behavioural Development*, 28(2), 97-104.

- Pence, A., Evans, J. L., & Garcia, M. (2008). Introduction. In M. Garcia, A. Pence & P. Evans (Eds.), *Africa's future, Africa's challenge: early childhood care and development in Sub-Saharan Africa*. Washington: World Bank.
- Pence, A., & Marfo, K. (2008). Early Childhood Development in Africa: Interrogating constraints of prevailing knowledge-bases. *International Journal of Psychology*, 43(2), 78-87.
- Pence, A., & Schafer, J. (2006). Indigenous knowledge and early childhood development in Africa: The Early Childhood Development Virtual University. *Journal for Education in International Development*, 2(3), 1-16.
- Pretti-Frontczak, K. L., Barr, D. M., Macy, M., & Carter, A. (2003). Research and resources related to activity-based intervention, embedded learning opportunities, and routines based instruction. *Topics in Early Childhood Special Education*, 23(1), 29-39.
- Prinsloo, M., & Stein, P. (2004). What's inside the box? Children's early encounters with literacy in South African classrooms. *Perspectives in Education*, 22, 67-84.
- Prochner, L., & Kabiru, M. (2008). ECD in Africa: A historical perspective. In M. Garcia, A. Pence & J. L. Evans (Eds.), *Africa's future, Africa's challenge: early childhood development in Sub-Saharan Africa*. Washington: World Bank.
- Raab, M. (2005). Characteristics and consequences of everyday child learning experiences. *CaseMakers*, 1(2), 1-4.
- Reck, J., & Wood, B. (2003). What works: Vodacom's community services phone shops: World Resource Institute.
- Revelle, G., Reardon, E., Green, M. M., & Betancourt, K. (2007). The use of mobile phones to support children's early literacy learning. *Persuasive Technology*, 4744, 253-258.
- Richter, L. M. (1989). Household density, family size, and the growth and development of black children-A cross sectional study from infancy to middle childhood. *South African Journal of Psychology*, 19(4), 191-197.
- Richter, L., & Morrell, R. (2008). Fathering: The role of men in raising children in Africa-Holding up the other half of the sky. In M. Garcia, A. Pence & J. Evans (Eds.), *Africa's future, Africa's challenge: early childhood care and development in Sub-Saharan Africa*. Washington: The World Bank.
- Rideout, V., & Hamel, E. (2006). The media family: Electronic media in the lives of infants, toddlers, preschoolers and their parents. Menlo Park, CA: The Henry J. Kaiser Family Foundation.



- Rao, N., McHale, J. P., & Pearson, E. (2003). Links between socialisation goals and child rearing practices in Chinese and Indian mothers. *Infant and Child Development*, 12, 475-492.
- Rogoff, B. (2003). *The cultural nature of human development*. USA: Oxford University Press.
- Roper, N., & Dunst, C. (2003). Communicating intervention in natural learning environments: Guidelines for practice. *Infants & young children*, 16(3), 215-226.
- Rosenthal, M. K., &, Roer-Strier .D. (2001). Cultural differences in mothers' developmental goals and ethnotheories. *International Journal of Psychology*, 36(1), 20-31.
- Rueda, R., Gallego, M., & Moll, L. (2000). The least restrictive environment: A place or context? *Remedial and Special Education*, 21(2), 70-78.
- Ruiters, G. (2007). Contradictions in municipal services in contemporary South Africa: disciplinary commodification and self-disconnections. *Critical Social Policy*, 27(487-508).
- Sacha, T. J., & Russ, S. W. (2006). Effects of pretend imagery on learning dance in preschool Children. *Early Childhood Education Journal*, 33(5), 341-345.
- Sameroff, A., & Fiese, B. (2000). Transactional regulation: The developmental ecology of early intervention. In J. P. Shonkoff & S. J. Meisels (Eds.), *Handbook of Early Childhood Intervention*. USA: Cambridge University Press.
- Schuck, L. A., & Bucy, J. E. (1997). Family rituals: Implications for early intervention. *Topics in Early Childhood Education*, 17(4), 477-493.
- Seekings, J. (2000). Introduction: Urban studies in South Africa after apartheid. *International Journal of Urban and Regional Research*, 24(4), 833-837.
- Sheldon, M. L., & Rush, D. D. (2001). The ten myths about providing early intervention services in natural environments. *Infants and Young Children*, 14(1), 1-13.
- Sontag, J. C. (1996). Toward a comprehensive theoretical framework for disability research: Bronfenbrenner revisited. *The Journal of Special Education*, 30(3), 319-344.
- Sousa, L., Ribeiro, C., & Rodrigues, S. (2007). Are practitioners incorporating a strengths-focused approach when working with multi-problem poor families? *Journal of Community and Applied Social Psychology*, 17, 53-66.



- South African Revenue Services (SARS). (2008). SARS Tax Tables 2008/2009. Retrieved August 24, 2008 from <a href="http://www.psiberworks.com">http://www.psiberworks.com</a>.
- Soweto's Facelift. (2006). Retrieved September 16, 2008 from <a href="http://www.sagoodnews.c.za">http://www.sagoodnews.c.za</a>
- Spagnola, M., & Fiese, B. H. (2007). Family routines and rituals. *Infants and Young Children*, 20(4), 284-299.
- Straker, L., & Pollock. (2005). Optimizing interaction of children with information and communication technologies. *Ergonomics*, 48(5), 506-521.
- Statistics South Africa. (2007). General household survey. Pretoria: Statistics South Africa. Retrieved September 24, 2008 from www.statssa.gov.za.
- Streib, H. (2001). Faith development theory revisited: The religious styles perspective. *International Journal for the Psychology of Religion, 11*(3), 143-158.
- Summers, J., Larkin, D., & Dewey, D. (2008). Activities of daily living in children with developmental coordination disorder: Dressing personal hygiene, and eating skills. *Human Movement Science*, 27, 215-229.
- Super, C., & Harkness, S. (1986). The developmental niche: A conceptualisation at the interface of child and culture. *International Journal of Behavioral Development*, 9(545-569).
- Super, C., & Harkness. S. (1999). The environment as culture in developmental research. In S. L. Friedman & T. D. Wachs (Eds.), *Measuring environments across the lifespan*. Washington DC: APA.
- Super, C., & Harkness, S. (2002). Culture structures the environment for development. *Human Development*, 45, 270-274.
- Super, C. M., & Harkness, S. (2008). Globalisation and its discontents: challenges to developmental theory and practice in Africa. *International Journal of Psychology*, 43(2), 107-113.
- Swick, K. J., & Williams, R. D. (2006). An analysis of Bronfenbrenner's Bio-Ecological perspective for early childhood educators: Implications for working with families experiencing stress. *Early Childhood Education Journal*, *33*(5), 371-377.
- Trivette, C., Dunst, C., & Deal, A. G. (1997). Resource-based approach to early intervention. In S. K. Thurman, J. R. Cornwell & S. R. Gottwold (Eds.), *Contexts of early intervention: systems and settings*. Baltimore: MD: Paul H Brookes Publishing.

- Trivette, C., Dunst, C., & Hamby, D. (2004). Sources of variation in consequences of everyday activity settings on child and parent functioning. *Perspectives in Education*, 22(2), 17-33.
- Tudge, J., Odero, D., Piccinini, C., Doucet, F., Sperb, T., & Lopes, R. (2006). A window into different cultural worlds: Young children's everyday activities in the United States, Brazil, and Kenya. *Child Development*, 77(5), 1446-1469.
- Turnbull, A. P., Turbiville, V., & Turnbull, H. R. (2000). Evolution of family-professional partnerships. In S. J. Meisels & J. P. Shonkoff (Eds.), *Handbook of Early Childhood Intervention*. USA: Cambridge University Press.
- Ure, C., & Raban, B. (2001). Teachers' beliefs and understandings of literacy in the preschool: Preschool Literacy Project Stage 1. *Contemporary Issues in Early Childhood*, 2(2), 157-168.
- Veitch, J., Bagley, S., Ball, K., & Salmon, J. (2006). Where do children usually play? A qualitative study of parents' perceptions of influences on children's active free-play. *Health and Place*, 12, 383-393.
- Verenikina, I., Harris, P., & Lysaght, P. (2003). *Child's play: computer games, theories of play and children's development*. Paper presented at the Young Children and Learning Technologies Conference, Melbourne, Australia.
- Weigel, D. J., Martin, S. S., & Bennet, K. K. (2005). Ecological influences of the home and the child-care centre on preschool-age children's literacy development. *Reading Research Quarterly*, 40(2), 204-233.
- Weisner, T. (2002a). Ecocultural pathways, family values and parenting. *Parenting:* Science & Practice, 2(3), 325-334.
- Weisner, T. (2002b). Ecocultural understanding in children's developmental pathways. *Human Development*, 45, 275-281.
- Weisner, T. S., Matheson, C., Coots, J., & Bernheimer, L. P. (2005). Sustainability of Daily Routines as a family outcome. In A. Maynard & M. Martini (Eds.), *The psychology of learning in cultural context: Family, peers and school.* New York: Kluwer/Plenum.
- Werner, E. E. (2000). Protective factors and individual resilience. In J. P. Shonkoff & S. J. Meisels (Eds.), *Handbook of Early Childhood Intervention*. Cambridge: Cambridge University Press.
- Whitfield, P. T. (2005). No child left behind. *Journal of Children and Poverty*, 11(1), 43-54.



- Wilkinson, S. (2004). Introducing focus groups. In D. Silverman (Ed.), *Qualitative research: Theory, method and practice*. London: Sage.
- Wood, C. (2002). Parent-child pre-school activities can affect the development of literacy skills. *Journal of Research in Reading*, 25(3), 241-258.
- Woodward, S. C. (2007). Nation Building one child at a time: Early childhood music education in South Africa. *Arts Education Policy Review*, 109(2), 33-42.
- Ziel, S. (2001). Documenting changing family patterns in South Africa. *African Sociological Review*, 5(2), 36-72.



## **APPENDICES**

# Appendix A

# List of activities agreed on by Speech therapy Assistants

No	Activity from Parent Survey of hone and Family Experiences	Included : $$ Excluded: $X$	Adapted/Changed to:
1	Eating meals	√ Excluded. A	Family meals
2	Visiting neighbours	V	Changed to visiting neighbours & friends
3	Decorating your home at holidays	X	
4	Telling child stories	$\sqrt{}$	
5	Caring for pets & animals		
6	Child playing alone	X	
7	Listening to music		
8	Telling bedtime stories	$\sqrt{}$	
9	Going food shopping	V	Changed to more general item-Shopping
10	Family meetings	X	
11	Having children for sleepovers	√	Item changed to having friends over
12	Going on picnics	X	
13	Child's bath time		
14	Watching TV/Videos		
15	Riding bike/wagon		
16	Holiday dinners	X	
17	Dancing or singing	√	These 2 items were separated
18	Child brushing teeth	V	
19	Doing yard work	X	All chores changed to cleaning the house
20	Religious or spiritual readings	X	
21	Having friends over to play	X	
22	Cooking or preparing meals	V	
23	Child's bedtime or naptime	X	
24	Playing video or computer games	V	
25	Child cleaning up his/her room	X	
26	Taking walks or strolls		
27	Saying Grace/thanks at meals	X	
28	Family talks	X	
29	Snuggling or cuddling with child	X	
30	Planting trees or flowers	X	
31	Child washing hands or face	X	
32	Family gatherings	$\sqrt{}$	
33	Dressing or undressing child		
34	Child picking up toys	X	
35	Growing a vegetable garden	√ 	Included under general item-gardening
36	Child "wake up " times	X	
37	Adult & child play times	X	

38	Family member's birthdays	V	Included as attending birthday parties
39	Reading or looking at books		
40	Playing ball games		
41	Doing art activities or drawing		
42	Rough-housing with child	X	
43	Doing errands	V	Included as cleaning the
			house
44	Child toileting/going to the bathroom		
45	Praying		
46	Fixing/cutting people's hair	X	
47	People coming and going	X	
48	Playing in water/swimming		Presented as 2 separate
	_		items
49	Playing board games		

#### The following items were added by Speech Therapy Assistants:

- ✓ Choosing clothes
- ✓ Washing clothing
- ✓ Washing clothing✓ Having a conversation✓ Homework
- ✓ Playing with blocks
- ✓ Building puzzles
- ✓ Playing with sand
- ✓ Visiting a park✓ Playing with toys
- ✓ Playing pretend games
- ✓ Helping with a younger sibling
- ✓ Eating out
- ✓ Going to movies
- ✓ Attending weddings
  ✓ Attending funerals
- ✓ Visiting a library
- ✓ Attending a church service
- ✓ Visiting a local clinic
- ✓ Taxi ride
- ✓ Watching a soccer match

20 items added, 21 deleted, 19 unchanged, 2 items were separated to 4 and, 7 items were adapted resulting in a total of 50 items.



## Appendix B

# **Interview schedule used for Focus Group 1**

	graphical information ne of school:		
Date		Duration of interview:	
1. C	hild's DOB:	2.Child's sex:	
3. W	hat is your relationship to th	ne child?	
3.1	Mother		
3.2	Father		
3.3	Grandmother		
3.4	Aunt		
3.5	Other ( specify)		
	aregiver information		
4.1	DOB		
4.2	Educational level		
4.3	Current employment status		
4.4	Financial resources Child support grant Pension		

### 5. Who are the people currently living in your household (excluding yourself and the child)?

No	Relation to the	Age	Sex	Schooling/Employment
	child			status
5.1				
5.2				
5.3				
5.4				
5.5				
5.6				
5.7				
5.8				
5.9				
5.10				

#### 6. Do you live in a:

0. D0	you nive in a.	
6.1	House	
6.2	Room	
6.3	Shack	
6.4	Other	



### 7. Activity settings (probe questions will be used to get further information only if parents don't expand on their answers)

Activity	Does your child participate in this activity, if yes please describe what your child does during this activity? If not please explain why.	With whom does your child participate in this activity?	How often does your child participate in this activity • Sometimes • Often • Hardly ever	How long does you child spend on this activity 0-15min 15-30min 30-60min > 60min	What does your child learn from this activity	What is your role during this activity?	Do you and your child communicate during this activity, if yes about what?	How important do you think this activity is for learning, please rate from 1-4, 1= very important,
Family meals -does this occur at the same time								
everyday -does the family								
eat together								
-if not, why? -where does this								
activity take								
Bathing -where does this activity take place								
Toileting: are toilets indoors or outdoors								
Cooking meals								
Cleaning the								
house Washing clothing								
Watching TV/Videos/DVD								
-what does your child watch? -how much time								
is spent watching TV?								

4		
		VAN PRETORIA
		OF PRETORIA
	YUNIBESITHI	YA PRETORIA

YUNIBESITHI YA PRETORIA							
Listening to							
music							
-what type of							
music does your							
child enjoy							
listening to?							
Dancing							
Singing							
-what does your							
child sing							
Cilia sing							
Praying							
Having a							
conversation:							
about what?							
Listening to							
stories: about							
what							
Telling stories:							
about what							
Reading/looking							
at books							
Colouring,							
Colouring,							
painting, drawing							
Cutting & pasting							
Playing with							
blocks							
blocks Building puzzles							
Playing with							
board games							
Playing with							
water							
Playing with sand							
Playing							
with/caring for a							
pet							
Taking walks							
Visiting a park							
Swimming							 
Shopping							
Playing ball							
games							
Playing with toys							
-what toys does							
your child play							
with							
WIUII							

_						
Playing pretend						
games						
-describes these						
games						
Riding a						
bike/scooter						
Playing computer						
games						
Helping with a						
younger sibling						
Eating out: where						
do you eat						
Going to movies						
Gardening						
Having friends for						
a sleepover						
Attending						
weddings						
Family gatherings						
Attending parties						
Visiting						
Visiting family/friends						
Visiting library						
Attending church						
Sport						
Running,						
jumping, chasing						
Carried on back						
Lap games						
Lap games	1		1	1	l	



These are the questions you reported were easier to understand. Do you agree? Is there anything I should change?

1.	your child's learning and development.
2.	Please list at least 5 activities which make your child smile and laugh?
3.	Which activities get and keep your child's attention?



#### **Appendix C**

# Decision guide on question utility

Please assist in improving the validity of the questionnaire developed by carefully reading the questionnaire and determining if it meets the following criteria. Please rate from **1-3**, with 1 being the highest and 3 being the lowest. I would appreciate it if you could list the questions that don't meet the criteria.

No	Question	1	2	3
1	Questions are brief enough			
	( the literature suggests not			
	more than 20 words and no			
	more than 3 to 4 comas)			
2	There any no leading questions			
	(Leading questions are those			
	that by their content, structure			
	or wording –push the			
	respondent towards a certain			
	answer)			
3	There aren't any loaded			
	questions			
	(Loaded questions contain			
	emotionally charged words)			
4	Words used are simple, direct			
	and familiar to all respondents			
5	No technical terms or jargon are			
	used			
6	Questions are specific			
	(Items are not too general, too			
	complex or ambiguous)			
7	The answer alternatives in close			
	ended questions are mutually			
	exclusive and collectively			
	exhaustive			
8	There aren't any double-			
	barreled questions			
	(Questions covering 2 or more			
	issues at once)			
9	Questions are legible i.e. they			
	read well			
	(When questions are read out to			
	the respondent they will be			
	easily followed)			

Comments:



# Appendix D

	Interview S	Schedule- Pilot study		
		Questionnaire no:	V1	
		School:	V2	I
		School:	VZ	
		Date:		
	o ask you a few questions a need me to repeat or explai	about your child, yourself and your familin any of the questions.	ly. Please l	et me
Part 1: <u>Biogr</u>	aphical Information			
1. How old is	s your child?			
1	3.0- 3.11years		V3	
2	4.0- 4.11 years			
3	5.0- 5.11 years			
2. Is your chi	ild a boy or girl?			
1	Male		V4	
2	Female			
Part 2:Careg	iver Information			
		? (How are you related to the child?)		
1	Mother		V5	
2	Father			
3	Grandmother			
4	Aunt			
5	Other			
4. How old a	re you?	years	V6	



#### 5 What standard or grade did you complete at school? Did you study further?

1	No formal schooling			V7	
2	Junior Primary Grade 1-3				
3	Senior Primary Grade 4-7				
4	High school Grade 8-11				
5	Matric				
6	Higher Education				
7	Other-Specify				
6. A	re you working? ( If yes) Ar	e you working fulltime	e, part time or a	s a casual?	
1	Employed full- time			V8	
2	Employed part-time				
3	Employed casual				
4	Unemployed				
5	Other-specify				
7	What is your family's mon	thly income?		V9	
7 8	What is your family's mon	•		V9	
-		•		V9	
8	Who else is living in your	•			
8	Who else is living in your	•		V10	
<b>8</b>	Who else is living in your  Mother Father	•		V10 V11	
8 1 2 3	Mother Father Grandmother	•		V10 V11 V12	
8 1 2 3 4	Who else is living in your  Mother Father Grandmother Grandfather	•		V10 V11 V12 V13	
8 1 2 3 4 5	Mother Father Grandmother Grandfather Great grandmother	•		V10 V11 V12 V13 V14	
8 1 2 3 4 5 6	Mother Father Grandmother Grandfather Great grandfather Great grandfather	•		V10 V11 V12 V13 V14 V15 V16 V17	
8 1 2 3 4 5 6 7	Mother Father Grandmother Grandfather Great grandmother Great grandfather Brothers and sisters	•		V10 V11 V12 V13 V14 V15 V16 V17 V18	
8 1 2 3 4 5 6 7 8 9	Mother Father Grandmother Grandfather Great grandmother Great grandfather Brothers and sisters Aunt Uncle Cousin	•		V10 V11 V12 V13 V14 V15 V16 V17 V18 V19	
8 1 2 3 4 5 6 7 8 9	Mother Father Grandmother Grandfather Great grandmother Great grandfather Brothers and sisters Aunt Uncle	•		V10 V11 V12 V13 V14 V15 V16 V17 V18	
8 1 2 3 4 5 6 7 8 9 10 11	Mother Father Grandmother Grandfather Great grandmother Great grandfather Brothers and sisters Aunt Uncle Cousin	house?		V10 V11 V12 V13 V14 V15 V16 V17 V18 V19	



11. Activity settings: Please listen carefully to the following questions, if you need me to explain or repeat anything please ask. I am going to ask you questions about activities that your child may be involved in. There are 5 questions related to each activity. I will ask the questions, one at a time. I will show you the possible responses and a sheet to help you remember the different options for answering".

No	Activity	1-Nev 2-Hard ( once 3-Son (once 4-Ofte (once 5-Dail	er dly eve e a yea netime a mon a wee y(ever f not, in ney sport ce ety d's ag	ar) es nth) ek) ryday) is it beca	tivity?	11.3. W whom o your ch mainly particip with in activity  1-moth 2-fathe 3-parer 4-siblin 5-family 6-grand 7-friend 8-no or 9-other	does hild  pate this r  er r hts egs y dparents ds ne	main po (reasor activity 1-fun 2-work	of this? /chores lisation ational ise ual	important do you think this activity is for your child's learning, please rate from 1-3,  1= not important 2= important 3= very important	
1	Family Meals	V23		V73		V123		V173		V223	
2	Bathing	V24		V74		V124		V174		V224	
3	Brushing teeth	V25		V75		V125		V175		V225	
4	Dressing & Undressing	V26		V76		V126		V176		V226	
5	Toileting	V27		V77		V127		V177		V227	
6	Assist in preparing meals	V28		V78		V128		V178		V228	
7	Setting the table	V29		V79		V129		V179		V229	

8	Washing hands	V30	V80	V130	V180	V230
9	Cleaning the yard	V31	V81	V131	V181	V231
10	Washing socks & underwear	V32	V82	V132	V182	V232
11	Haircut/Style	V33	V83	V133	V183	V233
12	Watching TV	V34	V84	V134	V184	V234
13	Listening to music	V35	V85	V135	V185	V235
14	Dancing	V36	V86	V136	V186	V236
15	Singing	V37	V87	V137	V187	V237
16	Praying	V38	V88	V138	V188	V238
17	Having a conversation	V39	V89	V139	V189	V239
18	Listening to stories	V40	V90	V140	V190	V240
19	Telling stories	V41	V91	V141	V191	V241
20	Reading/looking at books	V42	V92	V142	V192	V242
21	Colouring, drawing, painting	V43	V93	V143	V193	V243
22	Playing with toys	V44	V94	V144	V194	V244
23	Cell phone games	V45	V95	V145	V195	V245
24	Cutting & pasting	V46	V96	V146	V196	V246
25	Playing with sand	V47	V97	V147	V197	V247
26	Playing with water	V48	V98	V148	V198	V248

27	Visiting shopping	V49	V99	V149	V199	V249
	malls					
28	Playing arcade	V50	V100	V150	V200	V250
	games					
29	Going to the	V51	V101	V151	V201	V251
	"spaza" shop					
30	Pretend games	V52	V102	V152	V202	V252
31	Riding a	V53	V103	V153	V203	V253
	bike/scooter					
32	Mokuku	V54	V104	V154	V204	V254
33	Building blocks	V55	V105	V155	V205	V255
34	Hand/Finger games	V56	V106	V156	V206	V256
35	Lap games	V57	V107	V157	V207	V257
36	Carried on back	V58	V108	V158	V208	V258
37	Running, jumping &	V59	V109	V159	V209	V259
	chasing					
38	Eating out	V60	V110	V160	V210	V260
39	Gardening	V61	V111	V161	V211	V261
40	Family gatherings	V62	V112	V162	V212	V262
41	Attending weddings	V63	V113	V163	V213	V263
42	Attending parties	V64	V114	V164	V214	V264
43	Attending funerals	V65	V115	V165	V215	V265

44	Visiting family/friends in the	V66	V116	V166	V216	V266
	neighbourhood					
45	Visit family/ traditional home	V67	V117	V167	V217	V267
46	Attending church	V68	V118	V168	V218	V268
47	Attending ancestral ceremony	V69	V119	V169	V219	V269
48	Visiting a community clinic	V70	V120	V170	V220	V270
49	Taxi ride	V71	V121	V171	V221	V271
50	Visiting a park	V72	V122	V172	V222	V272



Part 3	
Ve have come to the last part of the interview, I am going to ask you 4 mo	re
juestions, please try to answer them all. If you need me to explain anythin	۱g.
please ask.	

	re any other activities that your child does at home that you think uld learn from?	
		V273
<del></del> -		V274
		V275
		V276
		V278
13. What do	o you (think) consider as the most important things for your child to le	arn at
		V279
		V280
		V281
		V282
		V283
	list, in order of importance, 3-5 home activities that makes your	
	nild laugh or smile? (Interesting and enjoyable)	
	nild laugh or smile? (Interesting and enjoyable)	V284
	nild laugh or smile? (Interesting and enjoyable)	V284 V285
	nild laugh or smile? (Interesting and enjoyable)	
_	nild laugh or smile? (Interesting and enjoyable)	V285

15. Please complete the following sentence; I think that my child learns	best by	
	V289	
	V290	
	V291	
	V292	
	V293	

Thank you for your participation, do you have any questions or comments? Please fill in your details on this form which will be entered into a lucky draw. You will also receive an invitation to a workshop I will be running on "Facilitating learning in the home environment".



# Appendix E

## **Interview Schedule Main study**

	interview k	Schedule Main study		
		Questionnaire no:	V1	
		School:	V2	
		Date:		
	ask you a few questions a need me to repeat or explai	about your child, yourself and your familin any of the questions.	y. Please le	et me
Part 1: Biogr	aphical Information			
1. How old is	your child?			
1	3.0- 3.11years		V3	
2	4.0- 4.11 years			
3	5.0- 5.11 years			
2. Is your chi	Id a boy or girl?		V4	
2	Female			
		? (How are you related to the child?)		
1	Mother		V5	
2	Father			
3	Grandmother			
4	Aunt			
5	Other			
4. How old ar	re you?	years	V6	



#### 5 What standard or grade did you complete at school? Did you study further?

1	No formal schooling		V7	
2	Junior Primary Grade 1-3			
3	Senior Primary Grade 4-7			
4	High school Grade 8-11			
5	Matric			
6	Higher Education			
7	Other-Specify			
6. A		re you working fulltime, part time or as a		
1	Employed full- time		V8	
2	<del>                                     </del>			
3	- '			
4				
5	Other-specify			
8	What is your family's mon Who else is living in your	_	V9	
1	Mother		V10	
2	Father		V11	
3	Grandmother		V12	
4	Grandfather		V13	
5	Great grandmother		V14	
6	Great grandfather		V15	
7	Brothers and sisters		V16	
8	Aunt		V17	
9	Uncle		V18	
10	Cousin		V19	
11	Other-specify		V20	
9	What is the total number of p	people in your house? [	V21	

10 How many rooms are there in your house? \_\_\_\_\_rooms

V22



11. Activity settings: Please listen carefully to the following questions, if you need me to explain or repeat anything please ask. I am going to ask you questions about activities that your child may be involved in. There are 5 questions related to each activity. I will ask the questions, one at a time. I will show you the possible responses and a sheet to help you remember the different options for answering".

No	Activity	11.1Does your chiliparticipate in this a  1-Never 2-Hardly ever ( once a year) 3-Sometimes (once a month) 4-Often (once a week) 5-Daily(everyday)  11.2 If not ,is it becomes 1-money 2-transport 3-space 4-time 5-safety 6-child's age 7-other		ever year) mes nonth) yeek) veryday) ot ,is it because of ort		11.3. With whom does your child mainly participate with in this activity?  1-mother 2-father 3-parents 4-siblings 5-family 6-grandparents 7-friends 8-no one 9-other		11.4. What is the main purpose (reason) of this activity?  1-fun 2-work /chores 3-socialisation 4-care 5-educational 6-exercise 7-spiritual 8-other		w int do you is activity our child's g, rate from mportant ortant important
1	Family Meals	V23	V73		V123		V173		V223	
2	Bathing	V24	V74		V124		V174		V224	
3	Brushing teeth	V25	V75		V125		V175		V225	
4	Dressing & Undressing	V26	V76		V126		V176		V226	
5	Toileting	V27	V77		V127		V177		V227	
6	Assist in preparing meals	V28	V78		V128		V178		V228	
7	Setting the table	V29	V79		V129		V179		V229	

8	Washing hands	V30	V80	V130	V180	V230
9	Cleaning the yard	V31	V81	V131	V181	V231
10	Washing socks & underwear	V32	V82	V132	V182	V232
11	Haircut/Style	V33	V83	V133	V183	V233
12	Watching TV	V34	V84	V134	V184	V234
13	Listening to music	V35	V85	V135	V185	V235
14	Dancing	V36	V86	V136	V186	V236
15	Singing	V37	V87	V137	V187	V237
16	Praying	V38	V88	V138	V188	V238
17	Having a conversation	V39	V89	V139	V189	V239
18	Listening to stories	V40	V90	V140	V190	V240
19	Telling stories	V41	V91	V141	V191	V241
20	Reading/looking at books	V42	V92	V142	V192	V242
21	Colouring, drawing, painting	V43	V93	V143	V193	V243
22	Playing with toys	V44	V94	V144	V194	V244
23	Cell phone games	V45	V95	V145	V195	V245
24	Cutting & pasting	V46	V96	V146	V196	V246
25	Playing with sand	V47	V97	V147	V197	V247
26	Playing with water	V48	V98	V148	V198	V248

27	Visiting shopping	V49	V99	V149	V199	V249
	malls					
28	Playing arcade	V50	V100	V150	V200	V250
	games					
29	Going to the	V51	V101	V151	V201	V251
	"spaza" shop					
30	Pretend games	V52	V102	V152	V202	V252
31	Riding a	V53	V103	V153	V203	V253
	bike/scooter					
32	Mokuku	V54	V104	V154	V204	V254
33	Building blocks	V55	V105	V155	V205	V255
34	Hand/Finger games	V56	V106	V156	V206	V256
35	Lap games	V57	V107	V157	V207	V257
36	Carried on back	V58	V108	V158	V208	V258
37	Running, jumping &	V59	V109	V159	V209	V259
	chasing					
38	Eating out	V60	V110	V160	V210	V260
39	Gardening	V61	V111	V161	V211	V261
40	Family gatherings	V62	V112	V162	V212	V262
41	Attending weddings	V63	V113	V163	V213	V263
42	Attending parties	V64	V114	V164	V214	V264
43	Attending funerals	V65	V115	V165	V215	V265

44	Visiting	V66	V116	V166	V216	V266
	family/friends in the					
	neighbourhood					
45	Visit family/	V67	V117	V167	V217	V267
	traditional home					
46	Attending church	V68	V118	V168	V218	V268
47	Attending ancestral	V69	V119	V169	V219	V269
	ceremony					
48	Visiting a	V70	V120	V170	V220	V270
	community clinic					
49	Taxi ride	V71	V121	V171	V221	V271
50	Visiting a park	V72	V122	V172	V222	V272

# Part 3 We have come to the last part of the interview, I am going to ask you 4 more questions, please try to answer them all. If you need me to explain anything, please ask.

12. Are there any other activities that your child does at home that you think

he/ she	could learn from?		
		V273	
		V274	
		V275	
		V276	
		V277	
		V278	



13. What do you (think) consider as the most important things for your childhome?	ild to learn at
	V279
	V280
	V281
	V282
	V283
	V284
	V285
	V286
	V287
14. Please list, in order of importance, 3-5 home activities that makes your	
child laugh or smile? (Interesting and enjoyable)	V288
	V289
	V290
	V291
	V292
	V293
	V294
	V295
	V296
15. Please complete the following sentence; I think that my child learns be	est by
	V297
	V298
	V299
	V300
	V301
	V302

Thank you for your participation, do you have any questions or comments? Please fill in your details on this form which will be entered into a lucky draw. You will also receive an invitation to a workshop I will be running on "Facilitating learning in the home environment".



# Appendix F

### **Show cards**

11.1 Does your child participate in this activity?
1-Never
2-Hardly ever (once a year)
3-Sometimes (once a month)
4-Often (once a week)
5-Daily (everyday)
11.2 If not is it because of
1-money
2-transport
3-space
4-time
5-safety
6-child's age
7-other
11.3. With whom does your child mainly participate with in this activity?
1-mother
2-father
3-parents
4-siblings
5-family
6-grandparents
7-friends
8-no one
9-other
11.4. What is the main purpose (reason) of this activity?
1-fun
2-work /chores
3-socialising
4-care
5-educational
6-exercise
7-spiritual
8-other
11.5. How important do you think this activity is for your child's learning, please rate
from 1-3
1= not important
2= important
3= very important

#### Appendix G

#### **Consent Form from ASHA**

07/11/2005 11:37

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PAGE 01



PRE-SCHOOL ASSOCIATION

Good foundation for a better future

African Self Help Association PBO Number: 93000 3985 Reg. No. 000-879 NPO

PO Box 30972 Braamfontein Johannesburg 2017

◆ 011 830 1913 011 830 0969 ■ ashajhb@telkomsa.net 및 www.asha.org.za
Ajax House 120 Caroline Street Brixton Johannesburg South Africa

Professor Erna Alant Supervisor University of Pretoria Department of Communication Pathology

3 November 2005

**Dear Professor Alant** 

Ref: Permission to conduct research at eight ASHA pre-schools

This serves to confirm that Ms Sadna Balton will be permitted to conduct research at eight of our pre-schools within the parameters described in her proposal to me of 3 November 2005.

She is asked to liaise with Ms Busi Mongala in order to set up school visits. Ms Mongala may be reached at 011 986 1107.

ASHA Pre-school Association would like to receive a copy of the research paper that results from this exercise.

Yours sincerely

Derrdre Caulwe

CEO

ASHA Pre-school Association

Trustees: Mr E van As (Chairman), Mr K M Dienst, Mr M W King, Mr P L Heinamann, Ms J R Clowes, Ms S C Gon, Dr B Chinsamy
Board: Ms D Haggio (Life President), Ms J R Clowes (Chairperson), Ms S C Matebuls (Vice Chairperson), Mr M Mogotsi (Vice Chairperson),
Ms D M Caulwell (CEO), Mr A Matiou, Mr S Z Matome, Mr P G Maguni, Mr M J Nikomonde, Ms J Ramahlo, Ms P Mabote, Ms C Magubane,
Mr S Malebo, Mr A Massango



#### Appendix H

#### **Consent for caregivers**



Participant's name:			
Date:			
Principal Investigator:	Sadna Balton Communication Pathology Department University of Pretoria		

#### **Informed Consent**

- 1. *Title of study*: A study of family activity settings that typically developing 3-5 year old children participate in, in a low-income family context income community in an African context.
- 2. *Purpose of the study*: To determine the activities of young children within their family context.
- 3. *Procedures: I* will be asked to take part in a discussion, which will take approximately 30-40 minutes to complete. The discussion will be scheduled at a time which will suit me.
- 4. *Risks and discomforts*: There are no risks associated with my participation in this study.
- 5. Benefits: The results of this study will assist early childhood interventionists to gain a better understanding of how children spend their time within their home settings and therefore influence the type of intervention programmes that are developed for young children in this context.
- 6. Participant's rights: I may withdraw from participating in this study at any time.
- 7. *Confidentiality*: The discussion will be recorded with a tape recorder in order to record exactly what I say. The tapes will be reviewed only by the principal investigator and authorized members of the research team at the University of Pretoria.
- 8. If I have any questions or concerns, I can call the Principal Investigator, Sadna Balton, at 073 304 3341 at any time.



I understand my rights as a participant, and I voluntarily consent in this study .I understand what the study is about and why it is being done. I will receive a signed copy of this consent form.

Participants Signature	Date	
Signature of Investigator	Date	
Signature of Supervisor	Date	



# Appendix I

# Inter-rater reliability check of the interview process

Area	Yes	No
Researcher introduced herself		
Purpose of the interview was stated		
O		
Questions were read out according		
to the interview schedule		
A sequential order of questioning		
was followed		
Show cards with pre recorded		
answers were used		
Respondent was given sufficient		
time to answer		
Respondent was allowed an		
opportunity to ask questions		
Respondent was thanked for		
participation		
Respondent entered into lucky draw		
and was invited to the workshop.		



#### Appendix J

#### Catergorisation of open-ended questions

Dear colleague
Please check the allocation of responses to the categories. I would appreciate it if you could please tick in the appropriate column to indicate your agreement.

Thank you



12. Are there any other activities that your child does at home that you think he/she could learn from?

Category	Response	1 1	X
1.No	None	,	
2.Sport	Basketball		
	Wrestling		
	Soccer		
	Football		
	Swimming		
3.Household chores	Washing dishes		
	Ironing clothes		
	Packing clothes		
	Sweeping		
	Mopping floors		
	Dusting		
	Clean shoes		
	Cleaning her room		
	Preparing his bed		
4.Electronic	Computer games		
entertainment	Going to movies		
	Play station		
	DVDS		
5.Educational /Literacy	Ask about Zulu things		
•	Puzzles		
	Writing		
	Counting		
	Reciting alphabets		
	Speaking English		
Other	Modelling		
	Going out in the car		
	Driving		
	Fixing car with dad		
	Climbing trees		
	Copy what mum does		
	Tumbling		
	Watching horses		
	Making dolls		
	Rolling on the floor		



13. What do you consider as the most important things for your child to learn at home?

13. What do you consider as th		your child to le	
Category	Response	7	X
1.Household Chores	Cleaning		
	Wash dishes		
	Know how to bring		
	things		
	Fold clothes & put in		
	the basket		
	Chores		
	Preparing food		
	Make a garden		
	Wash clothes		
	Sweep		
	Care in the house		
2.Self care/hygiene	Bathing /wash self		
	How to undress		
	To be clean/cleanliness		
	Dress himself		
	Pick up after himself		
	Feed himself		
	Take care of self		
	Responsibilities like		
	washing & tidy up		
	Brushing her teeth		
	Safety /about danger		
	Self reliant		
	Learning to do things on		
	his own		
	Washing hands		
	Become independent		
	Eating		
	How to handle herself		
	Care for his belongings		
	To be taken care of at		
	home		
	Wash his socks		
	To cooperate & help		
2 Educational/Literacy	after eating Homework		
3.Educational/Literacy			
	Learn to play with		
	things he doesn't know		
	Read books		
	Colouring		
	Pasting		

	To understand	
	everything like to learn	
	something	
	Cutting	
	Learning how to use	
	time	
	Listening	
	Counting	
	Communication	
	More exposure to	
	educational toys	
	Speak English	
	Drawing	
	Learning languages	
	Learning to concentrate	
	Be more than me	
	Talk properly	
	To be educated	
	Go to a good school	
	Teach him how to learn	
	Teacher her things from	
	school	
4.Morals/values	Respect	
	Share	
	Understand other's	
	feelings	
	Community service	
	Not to fight	
	Not to play with	
	dangerous things	
	How to play right with	
	another child	
	Manners	
	Behaviour-how to talk	
	Sense of humanity	
	To be loving	
	Kindness	
	Good behaviour	
	Open with her	
	Discipline	
	How to talk to people	
	Listening to me	
	Focus on life	
	Learn right from wrong	
	Tolerance	
		i e

	Loyal	
	Trustful	
	Kindness	
	No vulgar words	
	<u> </u>	
	Growing the right way How to socialise	
	Understand himself &	
5 C 1 /F 1 /F 1::	other children	
5.Culture/Family/Tradition	Spend time with family	
	My language	
	Culture	
	Cultural things like	
	where the family are	
	from	
	Greetings	
	Be with family	
	Communicate with	
	family when she wants	
	something	
	Meeting with other	
	families	
	To socialise with	
	everyone at home	
	Know family	
	Know who is who	
	Know her father	
	How to socialise with	
	people in the house	
	Know our tradition	
	Family principles	
6.Religion	Religion	
	Believe in God	
	Pray	
	Church	
7.Play	Skipping	
7.1 lay	Be with other children	
	Riding bicycle	
	Playing football	
	Exercise-running	
8.Other	Sports Relaxation	
o.Onei		
	Socialising with others	
	in the neighbourhood	
	Being with other people	



14. Please list in order of importance,3-5 home activities that makes your child laugh or smile?

laugh or smile?				
Category	Response		X	
1.Dancing	Dancing			
2.Singing	Singing the national			
	anthem			
3.Playing	Playing games			
	Jumping			
	Tickling			
	Running/chasing			
	Hiding			
	Pretend games			
	Screaming			
	Soccer			
	Riding a bike			
	Playing with water			
	Playing with cellphone			
	Wrestling			
	Building blocks			
	Funny things like hiding			
	money			
4.Entertainment/Social	Watching TV			
	Computers			
	Music			
	Going out			
	Watching mum cooking			
	Seeing mum			
	Getting nice things			
	Sitting together with			
	family			
	Granny dances			
	Visiting friends			
	Eating out			
	Going to a mall			
	Being with parents			
	Teasing			
	Being with him			
	Eating ice cream			
	Jokes			
	Movies			
	Swimming			
	Laughs at father			
	Video games			
	Getting attention			
	Jennig anemini			

	Sit with mother		
	Getting into car with		
	mum		
5.Household Chores	Helping out		
	Washing mum's car		
	Cleaning with mum		
	Help with cooking		
	Washing dishes		
	Helping in kitchen		
6.Communication	Talking		
	Stories from father		
	Making stories		
	When grandmother talks		
	to him		
	Laughing with great		
	grandmother		
7.Education/Literacy	Writing		
	Painting		
	Looking through sister's		
	books		
	Colouring		
	Recitations		
8.Self-care	Wash herself/bathing		
	Washing socks &		
	underwear		
	Preparing a meal		
	Eating		
	Sleeping		
9.Other	Praying		
	Church		



# 15.Please complete the following sentence, I think that my child learn best by

Category	Response	V	X
1.School/crèche/ASHA	ASHA		
	Preschool		
	School		
	The teachers		
	Being taught		
2.Play	Playing		
-	His friends		
	Playing with other		
	children		
	Playing with her toys		
3.Participation	Reading to him		
	Do things/activities		
	Writing		
	Exercising		
	Education		
	Learning from us		
	Teaching her		
	Whatever she is doing I		
	am assisting her		
	Me being there to help		
	her at home		
	Singing		
	Doing things right		
	Participating in activities		
	Doing things with him		
	His own /herself		
	Working with me		
	Watching TV		
	Learning from her own		
	mistakes		
	Cleaning		
	Doing things for himself		
	Doing practical things		
	Running		
	Helped by me		
	Looking a books		
	Experiencing things		
	himself		
	Sweeping		
	Washing herself		

4.Observation	Watching me do things	
4.003CI vation	Seeing things	
	Seeing timigs Seeing his parents	
	Seeing other kids doing	
	the right thing	
	Seeing his father doing	
	something	
	Looking at other	
- a · · ·	children	
5. Communication	Telling me about	
	something	
	What "gogo" tells him	
	Listening to stories	
	Speaking to him	
	Telling him things that	
	he should not do	
	Explaining things to her	
	Communicating with me	
6.Other	Being relaxed	
	By me	
	No time & patience for	
	these children	
	At home with me	
	Through music	
	Being with her mother	
	Being with her sister	

# Appendix K

# **Coding agreement**

# 12.

			Researcher	Independent
V	Category			rater
V273	No	1		
V274	Play	2		
V275	Household Chores	3		
V276	Entertainment/Social	4		
V277	Educational/literacy	5		
V278	Other	6		

#### 13.

V	Category		Researcher	Independent Rater
V279	Household chores	1		
V280	Self care/Hygiene	2		
V281	Educational/Literacy	3		
V282	Morals/Values	4		
V283	Culture/Family/Tradition	5		
V284	Religion	6		
V285	Play	7		
V286	Communication	8		
V287	Other	9		

#### 14.

v	Category		Researcher	Independent Rater
V288	Dancing	1		
V289	Singing	2		
V290	Playing	3		
V291	Entertainment/Social	4		
V292	Household Chores	5		
V293	Communication	6		
V294	Educational/Literacy	7		
V295	Self -care	8		
V296	Other	9		

#### 15.

V	Category		
V297	School	1	
V298	Participation	2	
V299	Observation	3	
V300	Communication	4	
V301	People	5	
V302	Other	6	