Cover Page

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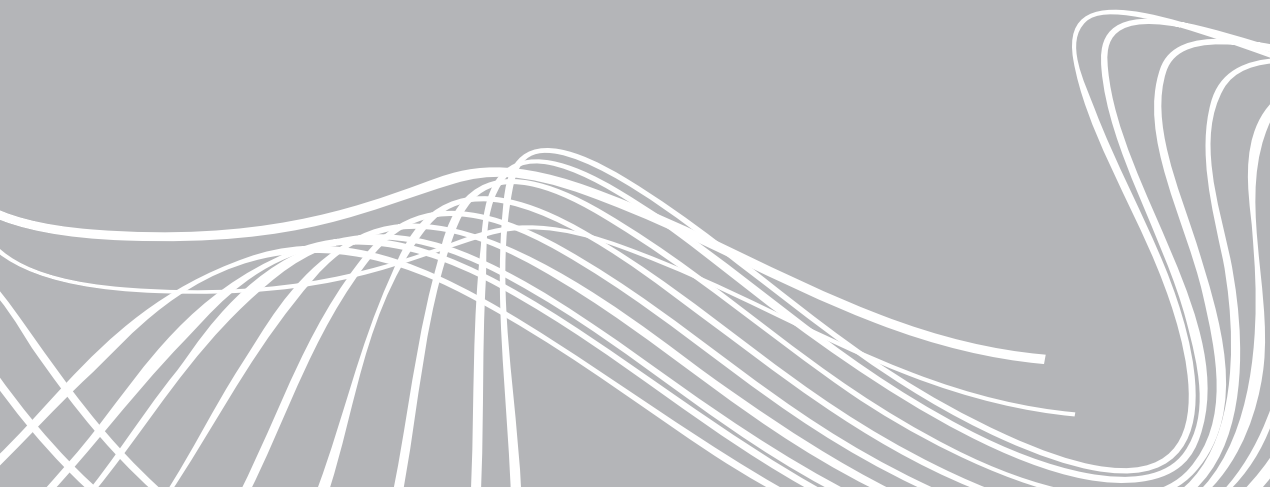
REFERENCES

REFERENCES

Abrami, P. C., Poulsen, C., & Chambers, B. (2004). Teacher motivation to implement an educational innovation: factors differentiating users and non-users of cooperative learning. *Educational Psychology, 24*(2), 201-216. doi: 10.1080/0144341032000160146

Admiraal, W. F., Kruiter, J., Lockhorst, D., Schenke, W., Sligte, H., Smit, B., . . . de Wit, W. (2015), Affordances of teacher professional learning in secondary schools. *Studies in Continuing Education*, Advance online publication. doi: 10.1080/0158037x.2015.1114469

Anderson, L., & Olsen, B. (2006). Investigating early career urban teachers' perspectives on and experiences in professional development. *Journal of Teacher Education, 57*(4), 359-377. doi: 10.1177/0022487106291565

Bakkenes, I., Vermunt, J. D., & Wubbels, T. (2010). Teacher learning in the context of educational innovation: Learning activities and learning outcomes of experienced teachers. *Learning and Instruction, 20*(6), 533-548. doi: 10.1016/j.learninstruc.2009.09.001

Bakker, A. B., & Demerouti, E. (2007). The Job Demands-Resources model: state of the art. *Journal of Managerial Psychology, 22*(3), 309-328. doi: 10.1108/02683940710733115

Ball, D. L. (1996). Teacher learning and the mathematics reforms - What we think we know and what we need to learn. *Phi Delta Kappan, 77*(7), 500-508.

Ball, D. L., & Cohen, D. K. (1999). Developing practice, developing practitioners: Toward a practice-based theory of professional education. In L. Darling-Hammond & G. Sykes (Eds.), *Teaching as the learning profession: Handbook of policy and practice* (Vol. 1, pp. 3-32). San Francisco: Jossey-Bass.

Beck, C., & Kosnik, C. (2014). *Growing as a teacher: Goals and pathways of ongoing teacher learning.* Rotterdam: Sense.

Berliner, D. C. (2001). Learning about and learning from expert teachers. *International Journal of Educational Research, 35*(5), 463-482. doi: 10.1016/s0883-0355(02)00004-6

Berliner, D. C. (2004). Expert teachers: Their characteristics, development and accomplishments. In R. Batllori i Obiols, A. E Gomez Martinez, M. O. i. Freixa, & J. P. i. Blanch (Eds.), *De la teoria... a l'aula: Formacio del professorat ensenyament de las ciències socials* (pp. 13-28). Barcelona, Spain: Departament de Didàctica de la Llengua de la Literatura I de les Ciències Socials, Universitat Autònoma de Barcelona.

Beynon, J. (1985). Institutional change and career histories in a comprehensive school. In S. Ball & I. Goodson (Eds.), *Teachers' lives and careers* (pp. 158-179). London: Falmer Press.

Billett, S. (2004). Workplace participatory practices: Conceptualising workplaces as learning environments. *The Journal of Workplace Learning, 16*(6), 312-324. doi: 10.1108/13665620410550295

Billett, S. (2011). Subjectivity, self and personal agency in learning through and for work. In M. Malloch, L. Cairns, K. Evans, & B. N. O'Connor (Eds.), *The SAGE handbook of workplace learning* (pp. 60-72). London: SAGE.

Blase, J. (1991). *The politics of life in schools: Power, conflict, and cooperation.* Newbury Park: SAGE.

Borko, H. (2004). Professional development and teacher learning: Mapping the terrain. *Educational Researcher, 33*(8), 3-15. doi: 10.3102/0013189x033008003

Borko, H., Jacobs, J., & Koellner, K. (2010). Contemporary approaches to teacher professional development. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (Vol. 7, pp. 548-556). Oxford: Elsevier.

Brekelmans, M., Wubbels, T., & Van Tartwijk, J. (2005). Teacher–student relationships across the teaching career. *International Journal of Educational Research, 43*(1-2), 55-71. doi: 10.1016/j.ijer.2006.03.006

Brown, J. D. (2009). Choosing the right type of rotation in PCA and EFA. *JALT Testing & Evaluation SIG Newsletter, 13*(3), 20-25.

Bryk, A. S., Sebring, P. B., Allensworth, E., Easton, J. Q., & Luppescu, S. (2010). *Organizing schools for improvement: Lessons from Chicago.* Chicago: University of Chicago Press.

Centraal Bureau voor Statistiek (2015). One out of seven employees has burnout symptoms. Retrieved 16-11-2015, from http://www.cbs.nl/nl-NL/menu/themas/arbeid-sociale-zekerheid/publicaties/artikelen/archief/2015/cbs-en-tno-een-op-de-zeven-werknemers-heeft-burn-outklachten.htm

Clarke, D., & Hollingsworth, H. (2002). Elaborating a model of teacher professional growth. *Teaching and Teacher Education, 18*(8), 947-967. doi: 10.1016/s0742-051x(02)00053-7

Coburn, C. E. (2001). Collective sensemaking about reading: How teachers mediate reading policy in their professional communities. *Educational Evaluation and Policy Analysis, 23*(2), 145-170. doi: 10.3102/01623737023002145

Coburn, C. E. (2005). Shaping teacher sensemaking: School leaders and the enactment of reading policy. *Educational Policy, 19*(3), 476-509. doi: 10.1177/0895904805276143

Cohen, J. (1988). *Statistical power analysis for the behavioral sciences* (Vol. 2). Hillsdale, NJ: Erlbaum.

Cohen, L., Manion, L., & Morrison, K. (2011). *Research methods in education* (7th ed.). Abingdon, OX: Routledge.

Confessore, S. J., & Kops, W. J. (1998). Self-directed learning and the learning organization: Examining the connection between the individual and the learning environment. *Human Resource Development Quarterly, 9*(4), 365-375.

Creswell, J. W. (2007). *Qualitative inquiry and research design: Choosing among five approaches* (Vol 2). Thousand Oaks, CA: Sage.

Czerniawski, G. (2013). Professional development for professional learners: Teachers' experiences in Norway, Germany and England. *Journal of Education for Teaching, 39*(4), 383-399. doi: 10.1080/02607476.2013.769339

Dall'Alba, G., & Sandberg, J. (2006). Unveiling professional development: A critical review of stage models. *Review of Educational Research, 76*(3), 383-412. doi: 10.3102/00346543076003383

Darling-Hammond, L., & Bransford, J. (2005). *Preparing teachers for a changing world: What teachers should learn and be able to do.* San Francisco, CA: Jossey-Bass.

Darling-Hammond, L., Wei, R. C., Andree, A., Richardson, N., & Orphanos, S. (2009). *Professional learning in the learning profession: A status report on teacher development in the U.S. and abroad.* Stanford university: National Staff Development Council.

Day, C. (1999). *Developing teachers: The challenges of lifelong learning.* London: Falmer Press.

Day, C., & Gu, Q. (2007). Variations in the conditions for teachers' professional learning and development: Sustaining commitment and effectiveness over a career. *Oxford Review of Education, 33*(4), 423-443. doi: 10.1080/03054980701450746

Day, C., Sammons, P., Stobart, G., Kington, A., & Gu, Q. (2007). T*eachers matter: Connecting work, lives and effectiveness.* London: Open University Press.

Day, C., Stobart, G., Sammons, P., & Kington, A. (2006). Variations in the work and lives of teachers: relative and relational effectiveness. *Teachers and Teaching: Theory and Practice, 12*(2), 169-192. doi: 10.1080/13450600500467381

Day, C., Stobart, G., Sammons, P., Kington, A., Gu, Q., Smees, R., & Mujtaba, T. (2006). *Variations in teachers' work, lives and effectiveness* (RR 743). London: DfES.

Deci, E. L., & Ryan, R. M. (2000). The "What" and "Why" of goal pursuits: Human needs and the self-determination of behavior. *Psychological Inquiry, 11*(4), 227-268.

Denessen, E., & Douglas, A. S. (2015). Teacher expectations and within-classroom differentiation. In C. M. Rubie-Davies, J. M. Stephens, & P. Watson (Eds.), *Routledge international handbook of social psychology of the classroom.* Abingdon, Oxon: Taylor & Francis.

Diepstraten, I., & Evers, A. (2012). *Leraren leren: een overzichtsstudie naar de professionele ontwikkeling van leraren* [Teachers learn: A review study on the professional development of teachers]. Heerlen: Open university.

Doyle, W. (2006). Ecological approaches to classroom management. In C. M. Evertson & C. S. Weinstein (Eds.), *Handbook of classroom management: Research, practice, and contemporary issues* (pp. 97-125). Mahwah: Lawrence Erlbaum Associates.

Ellinger, A. D. (2004). The concept of self-directed learning and its implications for human resource development. *Advances in Developing Human Resources, 6*(2), 158-177. doi: 10.1177/1523422304263327

Ellström, P. (2001). Integrating learning and work: Problems and prospects. *Human resource development quarterly, 12*(4), 421-436. doi: 10.1002/hrdq.1006

Eraut, M. (1995). Developing professional knowledge within a client-centered orientation. In T. Guskey & M. Huberman (Eds.), *Professional development in education: New paradigms and practices* (pp. 227-252). New York: Teachers College Press.

Eraut, M. (2000). Non-formal learning and tacit knowledge in professional work. *British Journal of Educational Psychology, 70*(1), 113-136. doi: 10.1348/000709900158001

Evers, A. (2012). *Teachers' professional development at work and occupational outcomes: An organisational and task perspective* (Doctoral dissertation). Open University, Heerlen, the Netherlands.

Feiman-Nemser, S. (2001). From preparation to practice: Designing a continuum to strengthen and sustain teaching. *Teachers College Record, 103*(6), 1013-1055. doi: 10.1111/0161- 4681.00141

Fenstermacher, G. D. (1994). The knower and the known - the nature of knowledge in research on teaching. *Review of Research in Education, 20*, 3-56. doi: 10.3102/0091732x020001003

Fessler, R., & Christensen, J. C. (1992). *The teacher career cycle: Understanding and guiding the professional development of teachers.* Needham heights, MA: Allyn & Bacon.

Fessler, R., & Rice, E. (2010). Teachers career stages and professional development. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (Vol. 3, pp. 582-586). Oxford: Elsevier.

Field, A. (2009). *Discovering statistics using SPSS* (3rd ed.). London: SAGE.

Flores, M. A. (2005). How do teachers learn in the workplace? Findings from an empirical study carried out in Portugal. *Journal of In-service Education, 31*(3), 485-508. doi: 10.1080/13674580500200290

Fox, A., Wilson, E., & Deaney, R. (2010). Beginning teachers' workplace experiences: Perceptions of and use of support. *Vocations and Learning, 4*(1), 1-24. doi: 10.1007/s12186-010-9046-1

Fox, R. K., Muccio, L. S., White, C. S., & Tian, J. (2015). Investigating advanced professional learning of early career and experienced teachers through program portfolios. *European Journal of Teacher Education, 38*(2), 154-179. doi: 10.1080/02619768.2015.1022647

Friedrichsen, P. M., & Dana, T. M. (2003). Using a card-sorting task to elicit and clarify science-teaching orientations. *Journal of Science Teacher Education, 14*(4), 291-309. doi: 10.1023/B:JSTE.0000009551.37237.b3

Fuller, F. F. (1969). Concerns of teachers: A developmental conceptualization. *American Educational Research Journal, 6*(2), 207-226. doi: 10.3102/00028312006002207

Gagne, M., & Deci, E. L. (2005). Self-determination theory and work motivation. *Journal of Organizational Behavior, 26*(4), 331-362. doi: 10.1002/job.322

Garet, M. S., Porter, A. C., Desimone, L., Birman, B. F., & Yoon, K. S. (2001). What makes professional development effective? Results from a national sample of teachers. *American Educational Research Journal, 38*(4), 915-945. doi: 10.3102/00028312038004915

Garrison, D. R. (1997). Self-directed learning: Toward a comprehensive model. *Adult Education Quarterly, 48*(1), 18-33. doi: 10.1177/074171369704800103

Geijsel, F., Sleegers, P. J. C., Stoel, R. D., & Krüger, M. L. (2009). The effect of teacher psychological and school organizational and leadership factors on teachers' professional learning in Dutch schools. *The Elementary School Journal, 109*(4), 406-427. doi: 10.1086/593940

Gorozidis, G., & Papaioannou, A. G. (2014). Teachers' motivation to participate in training and to implement innovations. *Teaching and Teacher Education, 39*, 1-11. doi: 10.1016/j.tate.2013.12.001

Gravani, M. N. (2007). Unveiling professional learning: Shifting from the delivery of courses to an understanding of the processes. *Teaching and Teacher Education, 23*(5), 688-704. doi: 10.1016/j.tate.2006.03.011

Grosemans, I., Boon, A., Verclairen, C., Dochy, F., & Kyndt, E. (2015). Informal learning of primary school teachers: Considering the role of teaching experience and school culture. *Teaching and Teacher Education, 47*, 151-161. doi: 10.1016/j.tate.2014.12.011

Grossman, P. L. (1992). Why Models Matter: An alternate view on professional growth in teaching. *Review of Educational Research, 62*(2), 171-179. doi: 10.3102/00346543062002171

Grundy, S., & Robison, J. (2004). Teacher professional development: Themes and trends in the recent Australian experience. In C. Day & J. Sachs (Eds.), *International handbook on the continuing professional development of teachers* (pp. 146-166). Berkshire: Open University Press.

Hargreaves, A., & Fullan, M. G. (1992). *Understanding teacher development.* New York: Teachers College Press.

Hawley, W. D., & Valli, L. (2000). Learner-centered professional development. *Phi Delta Kappa Center for Evaluation, Development, and Research, 27*, 7-10.

Hildebrandt, S. A., & Eom, M. (2011). Teacher professionalization: Motivational factors and the influence of age. *Teaching and Teacher Education, 27*(2), 416-423. doi: 10.1016/j.tate.2010.09.011

Hoban, G. F. (2002). *Teacher learning for educational change.* Buckingham: Open University Press.

Hodkinson, H., & Hodkinson, P. (2005). Improving schoolteachers' workplace learning. *Research Papers in Education, 20*(2), 109-131. doi: 10.1080/02671520500077921

Hoekstra, A., Beijaard, D., Brekelmans, M., & Korthagen, F. (2007). Experienced teachers' informal learning from classroom teaching. *Teachers and Teaching: Theory and Practice, 13*(2), 191-208. doi: 10.1080/13540600601152546

Hoekstra, A., Brekelmans, M., Beijaard, D., & Korthagen, F. (2009). Experienced teachers' informal learning: Learning activities and changes in behavior and cognition. *Teaching and Teacher Education, 25*(5), 663-673. doi: dx.doi.org/10.1016/j.tate.2008.12.007

Hoekstra, A., Korthagen, F., Brekelmans, M., Beijaard, D., & Imants, J. (2009). Experienced teachers' informal workplace learning and perceptions of workplace conditions. *Journal of Workplace Learning, 21*(4), 276-298. doi: 10.1108/13665620910954193

Horn, I. S. (2005). Learning on the job: A situated account of teacher learning in high school mathematics departments. *Cognition and Instruction, 23*(2), 207-236. doi: 10.1207/s1532690xci2302_2

Horn, I. S., & Little, J. W. (2010). Attending to problems of practice: Routines and resources for professional learning in teachers' workplace interactions. *American Educational Research Journal, 47*(1), 181-217. doi: 10.3102/0002831209345158

Huberman, M. (1989). On teachers' careers: Once over lightly, with a broad brush. *International Journal of Educational Research, 13*(4), 347-362. doi: 10.1016/0883-0355(89)90033-5

Huberman, M. (1993). *The lives of teachers* (J. Neufeld, Trans.). New York, NY: Teacher College Press.

Imants, J., & Van Veen, K. (2010). Teacher learning as workplace learning. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (pp. 569-574). Oxford: Elsevier.

Imants, J., Wubbels, T., & Vermunt, J. D. (2013). Teachers' enactments of workplace conditions and their beliefs and attitudes toward reform. *Vocations and Learning, 6*(3), 323-346. doi: 10.1007/s12186-013-9098-0

Jansen in de Wal, J., den Brok, P. J., Hooijer, J. G., Martens, R. L., & Van den Beemt, A. (2014). Teachers' engagement in professional learning: Exploring motivational profiles. *Learning and Individual Differences, 36*, 27-36. doi: 10.1016/j.lindif.2014.08.001

Janssen, S. (2013). *Supporting the professional teacher: PDP design, support from the supervisor and organisational conditions* (Doctoral dissertation). Open university, Heerlen, the Netherlands.

Janssen, S., Kreijns, K., Bastiaens, T., Stijnen, S., & Vermeulen, M. (2012). Teachers' professional development: An analysis of the use of professional development plans in a Dutch school. *Professional Development in Education, 38*(3), 453-469. doi: 10.1080/19415257.2011.635307

Jöreskog, K. G. (1999). How large can a standardized coefficient be? Retrieved 30-10-2015 from http://www.ssicentral.com/lisrel/techdocs/HowLargeCanaStandardizedCoefficientbe.pdf

Jurasaite-Harbison, E., & Rex, L. A. (2010). School cultures as contexts for informal teacher learning. *Teaching and Teacher Education, 26*(2), 267-277. doi: 10.1016/j.tate.2009.03.012

Kagan, D. M. (1992). Professional growth among preservice and beginning teachers. *Review of Educational Research, 62*(2), 129-169. doi: 10.3102/00346543062002129

Kaiser, H. F. (1960). The application of electronic computers to factor analysis. *Educational and Psychological Measurement, 20*, 141-151.

Kelchtermans, G., & Ballet, K. (2002). The micropolitics of teacher induction. A narrative-biographical study on teacher socialisation. *Teaching and Teacher Education, 18*(1), 105-120. doi: 10.1016/s0742-051x(01)00053-1

Kennedy, A. (2011). Collaborative continuing professional development (CPD) for teachers in Scotland: aspirations, opportunities and barriers. *European Journal of Teacher Education, 34*(1), 25-41. doi: 10.1080/02619768.2010.534980

Kington, A., Reed, N., & Sammons, P. (2014). Teachers' constructs of effective classroom practices: Variation across career phases. *Research Papers in Education, 29*(5), 534-556. doi: 10.1080/02671522.2013.825309

Knight, P. (2002). A systemic approach to professional development: Learning as practice. *Teaching and Teacher Education, 18*(3), 229-241. doi: 10.1016/S0742-051x(01)00066-X

Knowles, M. S. (1970). *The modern practice of adult education: From pedagogy to andragogy.* New York: Association Press.

Knowles, M. S., Holton, E. F., & Swanson, R. A. (2015). *The adult learner: The definitive classic in adult education and human resource development* (Vol. 8). Abingdon, Oxon: Routledge.

Koestner, R., Lekes, N., Powers, T. A., & Chicoine, E. (2002). Attaining personal goals: Self-concordance plus implementation intentions equals success. *Journal of Personality and Social Psychology, 83*(1), 231-244. doi: 10.1037/0022-3514.83.1.231

Krečič, M. J., & Grmek, M. I. (2008). Cooperative learning and team culture in schools: Conditions for teachers' professional development. *Teaching and Teacher Education, 24*(1), 59-68. doi: 10.1016/j.tate.2007.02.011

Krosnick, J. A., & Presser, S. (2010). Question and questionnaire design. In J.D. Wright & P.V. Marshden (eds), *Handbook of survey research* (pp. 263-314). West Yorkshire, UK: Emerald group.

Kutner, M. H., Nachtsheim, C. J., & Neter, J. (2004). *Applied linear regression models* (4th ed.). New York: McGraw-Hill/Irwin.

Kwakman, K. (2003). Factors affecting teachers' participation in professional learning activities. *Teaching and Teacher Education, 19*(2), 149-170. doi: 10.1016/s0742-051x(02)00101-4

Kyndt, E., Gijbels, D., Grosemans, I., & Donche, V. (2016). Teachers' everyday professional development: Mapping informal learning activities, antecedents and learning outcomes. *Review of Educational Research*. Advance online publication. doi: 10.3102/0034654315627864

Kyriakides, L., Christoforou, C., & Charalambous, C. Y. (2013). What matters for student learning outcomes: A meta-analysis of studies exploring factors of effective teaching. *Teaching and Teacher Education, 36*, 143-152. doi: 10.1016/j.tate.2013.07.010

Kyriakides, L., Creemers, B., & Antoniou, P. (2009). Teacher behaviour and student outcomes: Suggestions for research on teacher training and professional development. *Teaching and Teacher Education, 25*(1), 12-23. doi: 10.1016/j.tate.2008.06.001

Labaree, D. F. (2000). On the nature of teaching and teacher education: Difficult practices that look easy. *Journal of Teacher Education, 51*(3), 228-233. doi: 10.1177/0022487100051003011

Lareau, A. (1996). Common problems in field work: A personal essay. In A. Lareau & J. J. Shultz (Eds.), *Journeys through ethnography: Realistic accounts of fieldwork* (pp. 196-236). Boulder, CO: Westview Press.

Leithwood, K., & Jantzi, D. (1990). Transformational leadership: How principals can help reform school cultures. *School Effectiveness and School Improvement, 1*(4), 249-280.

Lichtman, M. (2012). *Qualitative research in education: A user's guide*. Los Angeles: Sage.

Lieberman, A., & Mace, D. H. P. (2008). Teacher learning: The key to educational reform. *Journal of Teacher Education, 59*(3), 226-234. doi: 10.1177/0022487108317020

Lincoln, Y. S., & Guba, E. G. (1985). *Naturalistic Inquiry*. UK: Sage.

Little, J. W. (2012). Professional community and professional development in the learning-centered school. In M. Kooy & K. Van Veen (Eds.), *Teacher learning that matters: International perspectives* (pp. 22-43). London: Routledge.

Lohman, M., & Woolf, N. (2001). Self-initiated learning activities of experienced public school teachers: Methods, sources, and relevant organizational influences. *Teachers and Teaching: Theory and Practice, 7*(1), 59-74. doi: 10.1080/13540600123835

Lortie, D. C. (1975). *Schoolteacher: A sociological study*. Chicago: The University of Chicago Press.

Loughran, J. (2006). *Developing a pedagogy of teacher education*. London: Routledge.

Lubberman, J., Van Kessel, N., Wester, M., & Mommers, A. (2013). *Rapport arbeidsmarktanalyse voortgezet onderwijs* [report labor market analysis secondary education]. Heerlen, the Netherlands: VOION.

Ludbrook, J. (1998). Multiple comparison procedures updated. *Clinical and Experimental Pharmacology and Physiology, 25*(12), 1032-1037.

Luttenberg, J., Imants, J., & Van Veen, K. (2013). Reform as ongoing positioning process: The positioning of a teacher in the context of reform. *Teachers and Teaching: Theory and Practice, 19*(3), 293-310. doi: 10.1080/13540602.2012.754161

Mackay, M. (2015). Professional development seen as employment capital. *Professional Development in Education*, Advance online publicaiont. doi: 10.1080/19415257.2015.1010015

Magnusson, S., Krajcik, J. S., & Borko, H. (1999). Nature, sources and development of pedagogical content knowledge. In J. Gess-Newsome & N. G. Lederman (Eds.), *Examining pedagogical content knowledge* (pp. 95-132). Dordrecht: Kluwer Academic.

Mansfield, C. F., & Beltman, S. (2014). Teacher motivation from a goal content perspective: Beginning teachers' goals for teaching. *International Journal of Educational Research, 65*, 54-64. doi: 10.1016/j.ijer.2013.09.010

Mansvelder-Longayroux, D. D. (2006). *The learning portfolio as a tool for stimulating reflection by student teachers* (Doctoral dissertation). ICLON, Leiden University Graduate School of Teaching, The Netherlands.

Manuti, A., Pastore, S., Scardigno, A. F., Giancaspro, M. L., & Morciano, D. (2015). Formal and informal learning in the workplace: A research review. *International Journal of Training and Development, 19*(1), 1-17. doi: 10.1111/ijtd.12044

Maulana, R., Helms-Lorenz, M., & Van de Grift, W. (2015). A longitudinal study of induction on the acceleration of growth in teaching quality of beginning teachers through the eyes of their students. *Teaching and Teacher Education, 51*, 225-245. doi: dx.doi.org/10.1016/j.tate.2015.07.003

McCormack, A., Gore, J., & Thomas, K. (2006). Early career teacher professional learning. *Asia-Pacific Journal of Teacher Education, 34*(1), 95-113. doi: 10.1080/13598660500480282

McMahon, M., Forde, C., & Dickson, B. (2015). Reshaping teacher education through the professional continuum. *Educational Review, 67*(2), 158-178. doi: 10.1080/00131911.2013.846298

Meijer, P. C. (2010). Experienced teachers' craft knowledge. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (Vol. 7). Oxford: Elsevier.

Meijer, P. C., Verloop, N., & Beijaard, D. (1999). Exploring language teachers' practical knowledge about teaching reading comprehension. *Teaching and Teacher Education, 15*(1), 59-84. doi: dx.doi.org/10.1016/S0742-051X(98)00045-6

Meirink, J. A., Meijer, P. C., & Verloop, N. (2007). A closer look at teachers' individual learning in collaborative settings. *Teachers and Teaching: Theory and Practice, 13*(2), 145-164. doi: 10.1080/13540600601152496

Meirink, J. A., Meijer, P. C., Verloop, N., & Bergen, T. C. M. (2009). How do teachers learn in the workplace? An examination of teacher learning activities. *European Journal of Teacher Education, 32*(3), 209-224. doi: 10.1080/02619760802624096

Merriam, S. B. (2001). *Andragogy and self-directed learning: Pillars of adult learning theory*. In S. B. Merriam (ed.), The new update on adult learning theory (pp. 3-13). San Franciso: Jossey-Bass.

Merriam, S. B., Caffarella, R. S., & Baumgartner, L. M. (2007). *Learning in adulthood: A comprehensive guide*. San Francisco: John Wiley & Sons.

Miles, M. B., & Huberman, A. M. (1994). *Qualitative data analysis: An expanded sourcebook*. Thousand Oaks, CA: SAGE.

Ministerie van Onderwijs, Cultuur en Wetenschappen. (2013). *Lerarenagenda 2013-2020: de leraar maakt het verschil* [teacher agenda 2013-2020: the teacher makes the difference]. Den Haag: Ministerie van onderwijs, cultuur en wetenschap.

Muijs, D., Kyriakides, L., Van der Werf, G., Creemers, B., Timperley, H., & Earl, L. (2014). State of the art – teacher effectiveness and professional learning. *School Effectiveness and School Improvement, 25*(2), 231-256. doi: 10.1080/09243453.2014.885451

Mulholland, J., & Wallace, J. (2005). Growing the tree of teacher knowledge: Ten years of learning to teach elementary science. *Journal of Research in Science Teaching, 42*(7), 767-790. doi: 10.1002/tea.20073

Mushayikwa, E., & Lubben, F. (2009). Self-directed professional development – Hope for teachers working in deprived environments? *Teaching and Teacher Education, 25*(3), 375-382. doi: 10.1016/j.tate.2008.12.003

Ng, C.-H. (2010). Do career goals promote continuous learning among practicing teachers? *Teachers and Teaching: Theory and Practice, 16*(4), 397-422. doi: 10.1080/13540601003754806

Nilsson, P. (2012). From concept to school practice: Professional learning for sustainable change in the primary science classroom. In M. Kooy & K. Van Veen (Eds.), *Teacher learning that matters: International perspectives* (Vol. 62). New York: Routledge

Nishii, L. H., & Wright, P. M. (2007). Variability within organizations: implications for Strategic Human Management. *CAHRS Working Paper*. Retrieved 29-4-2015 from http://digitalcommons.ilr.cornell.edu/cahrswp/

OECD (2014). *PISA 2012 results in focus: what students know and can do*. Paris: OECD.

OECD Teaching and Learning International Survey (2013). *Teachers' needs for professional development* (pp. 109, Figure from TALIS 2013 Results: an international perspective on teaching and learning). Paris: OECD.

Opfer, V. D., & Pedder, D. (2011). Conceptualizing teacher professional learning. *Review of Educational Research, 81*(3), 376-407. doi: 10.3102/0034654311413609

Opfer, V. D., Pedder, D., & Lavicza, Z. (2011). The role of teachers' orientation to learning in professional development and change: A national study of teachers in England. *Teaching and Teacher Education, 27*(2), 443-453. doi: 10.1016/j.tate.2010.09.014

Parker, P. D., Martin, A. J., Colmar, S., & Liem, G. A. (2012). Teachers' workplace well-being: Exploring a process model of goal orientation, coping behavior, engagement, and burnout. *Teaching and Teacher Education, 28*(4), 503-513. doi: 10.1016/j.tate.2012.01.001

Poell, R. F., & Van der Krogt, F. J. (2013). The role of human resource development in organizational change: Professional development strategies of employees, managers and HRD practitioners. In S. Billet, C. Harteis, & H. Gruber (Eds.), *International handbook of research in professional and practice-based learning* (pp. 1043-1070). Dordrecht: Springer.

Postholm, M. B. (2008). Teachers developing practice: Reflection as key activity. *Teaching and Teacher Education, 24*(7), 1717-1728. doi: 10.1016/j.tate.2008.02.024

Putnam, R. T., & Borko, H. (2000). What do new views of knowledge and thinking have to say about research on teacher learning? *Educational Researcher, 29*(1), 4-15. doi: 10.3102/0013189x029001004

Richardson, V., & Placier, P. (2001). Teacher change. In V. Richardson (Ed.), *Handbook of research on teaching* (pp. 905-947). Washington, DC: American Educational Research Association.

Richter, D., Kunter, M., Klusmann, U., Lüdtke, O., & Baumert, J. (2011). Professional development across the teaching career: Teachers' uptake of formal and informal learning opportunities. *Teaching and Teacher Education, 27*(1), 116-126. doi: 10.1016/j.tate.2010.07.008

Rinke, C. R. (2008). Understanding teachers' careers: Linking professional life to professional path. *Educational Research Review, 3*(1), 1-13. doi: 10.1016/j.edurev.2007.10.001

Rolls, S., & Plauborg, H. (2009). Teachers' career trajectories: An examination of research. In M. Bayer, U. Brinkkjær, H. Plauborg, & S. Rolls (Eds.), *Teachers' career trajectories and work lives.* Dordrecht: Springer.

Rosenholtz, S. J., Bassler, & Hoover-Dempsey. (1986). Organizational conditions of teacher learning. *Teaching and Teacher Education, 2*(2), 91-104. doi: 10.1016/0742-051X(86)90008-9

Seidel, T., & Shavelson, R. J. (2007). Teaching effectiveness research in the past decade: The role of theory and research design in disentangling meta-analysis results. *Review of Educational Research, 77*(4), 454-499. doi: 10.3102/0034654307310317

Shoffner, M. (2011). Considering the first year: Reflection as a means to address beginning teachers' concerns. *Teachers and Teaching: Theory and Practice, 17*(4), 417-433. doi: 10.1080/13540602.2011.580518

Shriki, A., & Lavy, I. (2012). Perceptions of Israeli mathematics teachers regarding their professional development needs. *Professional Development in Education, 38*(3), 411-433. doi: 10.1080/19415257.2011.626062

Shulman, L. S. (1986). Those who understand: Knowledge growth in teaching. *Educational Researcher, 15*(2), 4–14. doi: 10.3102/0013189X015002004

Shulman, L. S. (1987). Knowledge and teaching: Foundations of the new reform. *Harvard Educational Review, 57*(1), 1-23.

Sleegers, P. J. C., & Leithwood, K. (2010). School development for teacher learning and change. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (Vol. 7, pp. 557-562). Oxford: Elsevier.

Smith, C., & Gillespie, M. (2007). Research on professional development and teacher change. *Review of Adult Learning and Literacy, 7*(7), 205-244.

Smylie, M. (1995). Teacher learning in the workplace: Implications for school reform. In T. R. E. Guskey & M. E. Huberman (Eds.), *Professional development in education: New paradigms and practices* (pp. 92-113). New York: Teachers College Press.

Tang, S. Y. F., & Choi, P. L. (2009). Teachers' professional lives and continuing professional development in changing times. *Educational Review, 61*(1), 1-18. doi: 10.1080/00131910802684748

Thomson, M. M., & Turner, J. (2013). Teaching motivations, characteristics and professional growth: Results from the Great Expectations (GE) programme in the United States. *Educational Psychology, 35*(5), 578-597. doi: 10.1080/01443410.2013.849796

Thoonen, E. E. J., Sleegers, P. J. C., Oort, F. J., Peetsma, T. T. D., & Geijsel, F. P. (2011). How to improve teaching practices: The role of teacher motivation, organizational factors, and leadership practices. *Educational Administration Quarterly, 47*(3), 496-536. doi: 10.1177/0013161x11400185

Tigchelaar, A., Brouwer, N., & Korthagen, F. (2008). Crossing horizons: Continuity and change during second-career teachers' entry into teaching. *Teaching and Teacher Education, 24*(6), 1530-1550. doi: 10.1016/j.tate.2008.03.001

Timperley, H., & Alton-Lee, A. (2008). Reframing teacher professional learning: An alternative policy approach to strengthening valued outcomes for diverse learners. *Review of Research in Education, 32*(1), 328-369. doi: 10.3102/0091732x07308968

Timperley, H., Wilson, A., Barrar, H., & Fung, I. (2008). *Teacher professional learning and development.* Brussels, Belgium: International Academy of Education.

Tough, A. (1979). *The adult's learning projects: A fresh approach to theory and practice in adult learning.* Toronto: Ontario institute for studies in education.

Tynjälä, P. (2008). Perspectives into learning at the workplace. *Educational Research Review, 3*(2), 130-154. doi: 10.1016/j.edurev.2007.12.001

Tynjälä, P. (2012). Toward a 3-P model of workplace learning: A literature review. *Vocations and Learning, 6*(1), 11-36. doi: 10.1007/s12186-012-9091-z

Vähäsantanen, K. (2015). Professional agency in the stream of change: Understanding educational change and teachers' professional identities. *Teaching and Teacher Education, 47*, 1-12. doi: 10.1016/j.tate.2014.11.006

Van Braak, J., Tondeur, J., & Valcke, M. (2004). Explaining different types of computer use among primary school teachers. *European Journal of Psychology of Education, 19*(4), 407-422.

Van de Grift, W. J. C. M., Van der Wal, M., & Torenbeek, M. (2011). Ontwikkeling in de pedagogisch didactische vaardigheid van leraren in het basisonderwijs [Development of teachers' teaching skills in primary education]. *Pedagogische Studieën, 88*, 416-432.

Van den Broeck, A., Vansteenkiste, M., & De Witte, H. (2008). Self-Determination theory: a theoretical overview in occupational health psychology. In J. Houdmont & S. Leka (Eds.), *Occupational health psychology: European perspectives on research, education, and practice* (Vol. 3, pp. 63-88). Nottingham: Nottingham University Press.

Van Driel, J., & Berry, A. (2010). Pedagogical content knowledge. In P. Peterson, E. Baker, & B. McGaw (Eds.), *International encyclopedia of education* (Vol. 7, pp. 656-661). Oxford: Elsevier.

Van Eekelen, I. M., Boshuizen, H. P. A., & Vermunt, J. D. (2005). Self-regulation in higher education teacher learning. *Higher Education, 50*(3), 447-471. doi: 10.1007/s10734-004-6362-0

Van Eekelen, I. M., Vermunt, J. D., & Boshuizen, H. P. A. (2006). Exploring teachers' will to learn. *Teaching and Teacher Education, 22*(4), 408-423. doi: 10.1016/j.tate.2005.12.001

Van Exel, J., & de Graaf, G. (2005). Q methodology: A sneak preview. Retrieved 9-4-2013 from http://qmethod.org/articles/vanExel.pdf

Van Veen, K., & Kooy, M. (2012). Stepping back and stepping in: Concluding thoughts on the landscapes of teacher learning that matters. In M. Kooy & K. Van Veen (Eds.), *Teacher learning that matters: International perspectives* (pp. 255-260). New York: Routledge

Van Veen, K., & Sleegers, P. (2009). Teachers' emotions in a context of reforms: To a deeper understanding of teachers and reforms. In P. A. Schutz & M. Zemblyas (Eds.), *Advances in teacher emotion research: The impact on teachers' lives.* New York: Springer.

Van Veen, K., Zwart, R. C., & Meirink, J. A. (2012). What makes teacher professional development effective? A literature review. In M. Kooy & K. Van Veen (Eds.), *Teacher learning that matters: International perspectives* (pp. 3-21). London: Routledge.

Vansteenkiste, M., Lens, W., & Deci, E. L. (2006). Intrinsic versus extrinsic goal contents in self-determination theory: Another look at the quality of academic motivation. *Educational Psychologist, 41*(1), 19-31. doi: 10.1207/s15326985ep4101_4

Vansteenkiste, M., Sierens, E., Soenens, B., Luyckx, K., & Lens, W. (2009). Motivational profiles from a self-determination perspective: The quality of motivation matters. *Journal of Educational Psychology, 101*(3), 671-688. doi: 10.1037/a0015083

Veenman, S. (1984). Perceived problems of beginning teachers. *Review of Educational Research, 54*(2), 143-178. doi: 10.3102/00346543054002143

Veldman, I., Van Tartwijk, J., Brekelmans, M., & Wubbels, T. (2013). Job satisfaction and teacher–student relationships across the teaching career: Four case studies. *Teaching and Teacher Education, 32*, 55-65. doi: 10.1016/j.tate.2013.01.005

Vermunt, J. D., & Endedijk, M. D. (2011). Patterns in teacher learning in different phases of the professional career. *Learning and Individual Differences, 21*(3), 294-302. doi: 10.1016/j.lindif.2010.11.019

Watt, H. M. G., Richardson, P. W., & Wilkins, K. (2013). Profiles of professional engagement and career development aspirations among USA preservice teachers. *International Journal of Educational Research, 65*, 23-40. doi: 10.1016/j.ijer.2013.09.008

Webster-Wright, A. (2009). Reframing professional development through understanding authentic professional learning. *Review of Educational Research, 79*(2), 702-739. doi: 10.3102/0034654308330970

Weick, K. E., Sutcliffe, K. M., & Obstfeld, D. (2005). *Organizing and the process of sensemaking. Organization Science, 16*(4), 409-421. doi: 10.1287/orsc.1050.0133

Wermke, W. (2011). Continuing professional development in context: Teachers' continuing professional development culture in Germany and Sweden. *Professional Development in Education, 37*(5), 665-683. doi: 10.1080/19415257.2010.533573

Wilson, S. M., & Berne, J. (1999). Teacher learning and the acquisition of professional knowledge: An examination of research on contemporary professional development. *Review of Research in Education, 24*(1), 173-209. doi: 10.3102/0091732x024001173

Zwart, R. C., Wubbels, T., Bergen, T. C. M., & Bolhuis, S. (2007). Experienced teacher learning within the context of reciprocal peer coaching. *Teachers and Teaching: Theory and Practice, 13*(2), 165-187. doi: 10.1080/13540600601152520

Zwart, R. C., Wubbels, T., Bolhuis, S., & Bergen, T. C. M. (2008). Teacher learning through reciprocal peer coaching: An analysis of activity sequences. *Teaching and Teacher Education, 24*(4), 982-1002. doi: http://dx.doi.org/10.1016/j.tate.2007.11.00