2023 SELECTED PUBLICATIONS International Education Research

Assessment and Evaluation 1 **Disability** and Early Childhood Development 2 2

Instruction 3 Language 3 Mathematics 4 Pandemic Research and Responses

Policies and Systems 5 **Social and Emotional** Learning

Teacher Training and Professional Development

Technology 8

7

Assessment and Evaluation

Inclusion

We examine purpose, methods, results, and impact in the field of assessing student capacity and learning in developing countries. We offer training to encourage sound monitoring methods.

2022

- Harden, K., Sitabkhan, Y., Betts, K. L., Carrol, B., Cummiskey, C., Bahrawar, L., & DeStefano, J. (2022). Report on the 2021 Uzbekistan National Early Grade Reading and *Mathematics Assessments*. Prepared for the United States Agency for International Development (USAID) under the All Children Reading-Asia program. RTI International. https://pdf.usaid.gov/pdf_docs/PA00ZJZR.pdf
- RTI International. (2022). Computer-based reading assessment pilot report. Prepared for USAID under the All Children Reading-Asia program, the Philippines. https://shared.rti.org/content/ computer-based-reading-assessment-pilot-report
- Slade, T., King, S., Ryan, J., Harden, K., Rosenbaum, L., Sitabkhan, Y., Dubeck, M., & Hristov, L. (2022). Results of pilot test including test-retest of the pilot Self-Administered Early Grade Reading Assessment (SA-EGRA) and Self-Administered Early Grade Mathematics Assessment (SA-EGMA) and concurrent validity with traditional EGRA/EGMA. Prepared for Imagine Worldwide. https:// shared.rti.org/content/report-self-administered-egraegma-pilotghana-english

2021

Monitoring, Evaluation, Research, Learning, and Adapting (MERLA) Community of Practice, RTI International. (2021). MERLA 101 [online course, self-guided]. https://www.rti.org/monitoringevaluation-research-learning-and-adapting.

Modules:

- 1: Introduction to the training series
- 2: Fundamentals of project design
- 3: MEL plans and indicator development
- 4: Collecting and managing data for performance monitoring
- 5: Evaluation

Rodriguez-Segura, D., Campton, C., Crouch, L. A., & Slade, T. S. (2021). Looking beyond changes in averages in evaluating foundational learning: Some inequality measures. International Journal of Educational Development, 84, article no. 102411. doi: 10.1016/j.ijedudev.2021.102411

2020

- Angrist, N., Bergman, P., Evans, D. K., Hares, S., Jukes, M. C. H., & Letsomo T. (2020). Practical lessons for phone-based assessments of learning. BMJ Global Health, 5(7), e003030. doi: 10.1136/bmjgh-2020-003030
- Hayes, A. M., Elder, B. C., & Bulat, J. (2020). Assessment as a service not a place: Transitioning assessment centers to school-based identification systems. Occasional Paper No. OP-0064-2004. RTI Press. doi: 10.3768/rtipress.2020.op.0064.2004
- Lau, C. Q., Eckman, S. A., Sevilla Kreysa, L. S., & Piper, B. (2020). Language differences between interviewers and respondents in African surveys. In M. Sha & T. Gabel (Eds.), The essential role of language in survey research (pp. 101–116). Book No. BK-0023-2004. RTI Press. doi: 10.3768/rtipress.bk.0023.2004
- RTI International. (2020). Teacher Language and Literacy Assessment (TLLA): Final report. Prepared for USAID under the Research for Effective Education Programming-Africa (REEP-A) Project. https://pdf.usaid.gov/pdf_docs/PA00WQRQ.pdf

2019

- Piper, B., Bulat, J., Kwayumba, D., Oketch, J., & Gangla, L. (2019). Measuring literacy outcomes for the blind and for the deaf: Nationally representative results from Kenya. International Journal of Educational Development, 69, 1–8. doi: 10.1016/j. ijedudev.2019.05.002
- Simmons Zuilkowski, S., Piper, B., Kwayumba, D., & Dubeck, M. (2019). Examining options for reading comprehension assessment in international contexts. Journal of Research in Reading, 42(3-4), 583-599. doi: 10.1111/1467-9817.12285

Assessment and Evaluation Instruction 3 Language 3 Policies and Systems 5 Social and Emotional Learning 6

7

Development

Disability and Inclusion

With an estimated 15 percent of the world's population having a disability, persons with disabilities are a minority that cannot be ignored. Education systems, educators, communities, and family members must prioritize the right of all children to have full access to high-quality instruction and learning environments, including those with identified or unidentified disabilities.

2022

Bulat, J. (2022, September 27). Integrating inclusion and equality into all areas of programming. *SharEd*, RTI International. <u>https://shared.rti.org/content/integrating-inclusion-and-equality-all-areas-programming</u>

2020

- Bulat, J., Hayes, A. M., Dombrowski, E. M., Dubeck, M. M., &
 Strigel, C. I. (2020). Screening for dyslexia in low-resource and multilingual contexts. In J. A. Washington, D. L. Compton, & P.
 McCardle (Eds.), *Dyslexia: Revisiting etiology, diagnosis, treatment,* and policy (Chapter 15, pp. 192–204). Paul H. Brookes Publishing, for the Dyslexia Foundation and the Extraordinary Brain Series.
- Dombrowski, E., **Sitabkhan, Y.**, & Kilonzo, T. N. (2020). Classroom environment for children with disabilities in Kenyan preschools. *International Journal of Inclusive Education*, 1–16. doi: 10.1080/13603116.2020.1839795
- Hayes, A., Niad, H., & **Bulat, J.** (2020, April 30). Inclusive from the start: Building inclusivity into education programming during COVID-19 school closures—and beyond. *SharEd*, RTI International. <u>https://shared.rti.org/content/inclusive-start-</u> <u>building-inclusivity-education-programming-during-covid-19-</u> <u>school-closures</u>

2018

- Hayes, A. M., Dombrowski, E., Shefcyk, A. H., & **Bulat, J**. (2018). Learning disabilities screening and evaluation guide for low- and middle-income countries. Occasional Paper No. OP-0052-1804. RTI Press. doi: 10.3768/rtipress.2018.op.0052.1804
- Strigel, C. (2018). Inclusive education screening tool and pilot activity – Desk review. Report prepared for USAID under the All Children Reading–Asia program. RTI International. <u>https://pdf.usaid.gov/</u> pdf_docs/PA00TJDX.pdf

2017

- Bulat, J., Hayes, A. M., Macon, W., Tichá, R., & Abery, B. H. (2017). School and classroom disabilities inclusion guide for low- and middle-income countries. Occasional Paper No. OP-0031-1701. RTI Press. doi: 10.3768/rtipress.2017.op.0031.1701
- Hayes, A. M., & **Bulat, J.** (2017). *Disabilities inclusive education* systems and policies guide for low- and middle-income countries. Occasional Paper No. OP-0043-1707. RTI Press. <u>doi: 10.3768/</u> rtipress.2017.op.0043.1707

Early Childhood Development

We investigate factors affecting children's early cognitive and physical development, as well as their educational success.

2022

Black, M. M., & Richter, L. M. (2022, December). Different is not deficient: Respecting diversity in early childhood development [e-pub ahead of print]. *The Lancet Child and Adolescent Health*, *6*(12), e26. doi: 10.1016/S2352-4642(22)00276-0

Black, R., Liu, L., Hartwig, F., Villavicencio, F., Rodriguez-Martinez, A., Vidaletti, L., Perin, J., **Black, M. M.**, Blencowe, H., You, D., Hug, L., Masquelier, B., Cousens, S., **Gove, A.**, et al. (2022). Health and development from preconception to 20 years of age and human capital. *The Lancet, 399*(10336), 1730–1740. <u>doi: 10.1016/S0140-6736(21)02533-2</u>

2021

- Fernandez-Rao, S. F., Raidu, V. & **Black, M. M.** (2021). Nurturing care and early child development in the integrated child development services. Chapter 3 in S. Puri (Ed.), *Children in India: Opportunities and challenges*. Nova Science Publishers.
- Willoughby, M., Piper, B., Merseth King, K., Nduku, T., Henny, C., & Zimmerman, S. (2021). Testing the efficacy of the Red-Light Purple-Light games in preprimary classrooms in Kenya. *Frontiers in Psychology*, *12*, article no. 633049. doi: 10.3389/fpsyg.2021.633049

2020

- Black, M. M., Trude, A. C. B., & Lutter, C. K. (2020). All children thrive: Integration of nutrition and early childhood development. *Annual Review of Nutrition, 40*, 375–406. <u>doi: 10.1146/annurev-</u> nutr-120219-023757
- Crouch, L. A., Merseth King, K., Olefir, A., Saeki, H. & Savrimootoo, T. (2020). Taking preprimary programs to scale in developing countries: Multi-source evidence to improve primary school completion rates. *International Journal of Early Childhood, 52*(2), 159–174. doi: 10.1007/s13158-020-00271-7
- Crouch, L., Olefir, A., Saeki, H., & Savrimootoo, T. (2020). Déjà vu all over again? Recent evidence on early childhood and early grade repetition in developing countries. *Prospects*. <u>doi: 10.1007/s11125-020-09473-2</u>
- Merseth King, K. (2020). Early childhood services for young refugee children: Jordan case study. Prepared for Moving Minds Alliance. RTI International. <u>https://shared.rti.org/content/early-childhood-</u> services-young-refugee-children-jordan-case-study
- Merseth King, K., Crouch, L. A., Wils, A. & Baum, D. R. (2020). How well are we measuring access to early childhood education? Annual Review of Comparative and International Education 2019: International Perspectives on Education and Society, 39, 171–189. doi: 10.1108/s1479-36792020000039016
- Merseth King, K., Pouezevara, S., & Edwards, L. (2020). Case studies on addressing early childhood in three host country contexts: Cross-country analysis. Prepared for Moving Minds Alliance. RTI International. <u>https://shared.rti.org/content/early-childhood-</u> services-young-refugee-children-cross-country-analysis

2019

- Behbehani, F., Dombrowski, E., & Black, M. M. (2019). Systematic review of early child care centers in low- and middle-income countries and health, growth, and development among children aged 0–3 years (nzz048.P11-052-19). Current Developments in Nutrition, 3(Suppl 1), 1016. doi: 10.1093/cdn/nzz048.P11-052-19
- Black, M. M., & Trude, A. C. B. (2019). Conceptualizations of child development benefit from inclusion of the Nurturing Care Framework. *The Journal of Nutrition, 149*(8), 1307–1308. doi: 10.1093/jn/nxz114

4

4

Teacher Training

and Professional

Development

7

- Willoughby, M.T., Piper, B., Kwayumba, D., & McCune, M. (2019). Measuring executive function skills in young children in Kenya. Child Neuropsychology, 25(4), 425-444. doi: 10.1080/09297049.2018.1486395
- Willoughby, M. T., Piper, B., Oyanga, A., & Merseth King, K. (2019). Measuring executive function skills in young children in Kenya: Associations with school readiness. Developmental Science, 22(5), e12818 (12 pp.). doi: 10.1111/desc.12818

2018

- Black, M., & Merseth King, K. (2018). First 1000 days and beyond: Strategies to achieve the Sustainable Development Goals. In S. Verma & A. C. Petersen (Eds.), Developmental science and Sustainable Development Goals for children and youth (1st ed., pp. 97-112). Springer. doi: 10.1007/978-3-319-96592-5_5
- Gove, A., Pressley, J. K., Weatherholt, T., & Dombrowski, E. (2018). Persistence and fadeout of preschool participation effects on early reading skills in low- and middle-income countries. Global Education Review, 5(2), 85–109. https://ger.mercy.edu/index.php/ ger/article/view/398

Instruction

We promote innovative instructional techniques, especially for low-resource settings, and study their soundness and effectiveness.

2022

Assaf, L., Sowa, P. A., & Zammit, K. (Eds.). (2022). Global meaning making: Disrupting and interrogating international language and literacy research and teaching. Advances in Research on Teaching Series, Vol. 39. Emerald Group.

Selected chapters:

- Sowa, P. A., Zammit, K., & Assaf, L. Introduction: Stitching a global meaning making patchwork quilt (pp. 3–7). doi: 10.1108/S1479-368720220000039001
- Sowa, P. A. Decolonizing upper primary classroom spaces: Successful language and literacy interventions in low- and middle-income countries: A scoping review (pp. 79–100).
- Zammit, K., Assaf, L., & Sowa, P. A. Conclusion: Final thoughts (pp. 259-266).
- Sitabkhan, Y. A., Harden, K. K., & Slade, T. S. (2022). Teaching by the book: Teacher decision-making while using structured lesson plans. IARTEM E-Journal, 14(1), 1–12. doi: 10.21344/iartem.v14i1.976
- Sitabkhan, Y., Jukes, M. C. H., Dombrowski, E., & Munialo, I. (2022). Differentiated instruction in multigrade preprimary classrooms in Kenya. Occasional Paper No. OP-0084-2212. RTI Press. doi: 10.3768/rtipress.2022.op.0084.2212
- Stern, J., Dubeck, M. M., Jukes, M., & Piper, B. (2022a). Instructional practices for effective large-scale reading interventions: Findings from the Learning at Scale study. Brief 1 in a series. Prepared by RTI International for the Bill & Melinda Gates Foundation. https:// learningatscale.net/findings/
- Stern, J., Dubeck, M. M., Jukes, M., & Piper, B. (2022b). Instructional support for effective large-scale reading interventions: Findings from the Learning at Scale study. Brief 2 in a series. Prepared by RTI International for the Bill & Melinda Gates Foundation. https:// learningatscale.net/findings/

- Stern, J., Carrol, B., DeStefano, J., Piper, B., and Jukes, M. (2022). Systems supports for effective large-scale reading interventions: Findings from the Learning at Scale study. Brief 3 in a series. Prepared by RTI International for the Bill & Melinda Gates Foundation. https://learningatscale.net/findings/
- Whitebread, D., & Sitabkhan, Y. (2022). Pedagogy and curricula content: Building foundational skills and knowledge. In M. Bendini & A. Devercelli (Eds.), Quality early learning: Nurturing children's potential (pp. 83-124). The World Bank Group. doi: 10.1596/978-1-4648-1795-3_ch2

2020

- Piper, B., Dryden-Peterson, S., Chopra, V., Reddick, C., & Oyanga, A. (2020). Are refugee children learning? Early grade literacy in a refugee camp in Kenya. Journal on Education in Emergencies, 5(2), 71-107. doi: 10.33682/f1wr-yk6y
- Ralaingita, W., & du Plessis, J. (2020). "Satisficing" in early grade reading: Applying reasonably good strategies in imperfect contexts. Annual Review of Comparative and International Education, 39, 191-208. doi: 10.1108/s1479-36792020000039017

2019

Robledo, A., & Gove, A. (2019). What works in early reading materials. Occasional Paper No. OP-0058, Knowledge and Practice in International Development No. 2. RTI Press. doi: 10.3768/rtipress.2018.op.0058.1902

2018

- Piper, B., Simmons Zuilkowski, S., Dubeck, M. M., Jepkemei, E., & King, S. J. (2018). Identifying the essential ingredients to literacy and numeracy improvement: Teacher professional development and coaching, student textbooks, and structured teachers' guides. World Development, 106, 324-336. doi: 10.1016/j.worlddev.2018.01.018
- Piper, B., Sitabkhan, Y., Mejia, J., & Betts, K. (2018). Effectiveness of teachers' guides in the Global South: Scripting, learning outcomes, and classroom utilization. Occasional Paper No. OP-0053-1805. RTI Press. doi: 10.3768/rtipress.2018.op.0053.1805
- Wolf, S., Turner, E. L., Jukes, M. C. H., & Dubeck, M. M. (2018). Changing literacy instruction in Kenyan classrooms: Assessing pathways of influence to improved early literacy outcomes in the HALI intervention. International Journal of Educational Development, 62, 27-34. doi: 10.1016/j.ijedudev.2018.02.004

Language

We investigate the effects of language policies and multilingualism on teachers' instruction and children's learning.

In press

Gove, A., Harden, K., King, S., Pressley, J. K., Sou, S. C., & Edwards, S. (In press). Literacy acquisition and language of instruction in sub-Saharan Africa. In K. Pugh, C. Perfetti, S. Nag, & L. Verhoeven (Eds.), Global variation in literacy development. Cambridge University Press.

Early Childhood Development 2 Instruction 3 Language 3 Mathematics 4 Pandemic Research and Responses 4 Policies and Systems 5 Social and Emotional Learning 6 Teacher Training and Professional Development 7

Technology 8

2022

- Akyeampong, K., Carter, E., Rose, P., **Ryan, J.**, Sabates, R., & **Stern, J. M. B.** (2022a). The effects of language preference and home resources on foundational literacy retention during school holiday closures in Ghana: Lessons from the Complementary Basic Education Programme. *PROSPECTS 52*(1–2), 115–136. doi: 10.1007/s11125-021-09590-6
- Akyeampong, K., Carter, E., Rose, P., Sabates, R., & **Stern, J. M. B.** (2022b). Language of instruction and achievement of foundational literacy skills for girls and boys in Ghana. In L. Milligan, & L. Adamson (Eds.), *Girls' education and language of instruction: An extended policy brief* (pp. 37–43). University of Bath. <u>https://www.bath.ac.uk/publications/girls-education-andlanguage-of-instruction-an-extended-policy-brief/attachments/ Girls_education_and_language_of_instruction.pdf</u>
- Harden, K., Punjabi, M., & Fernandez, M. (2022). Influences on teachers' use of the prescribed language of instruction: Evidence from four language groups in the Philippines. *Education Quarterly Reviews*, 5(1), 516–530. doi: 10.31014/ aior.1993.05.01.460

2021

Dubeck, M. M., Stern, J. M. B., & Nabacwa, R. (2021). Learning to read in a local language in Uganda: Creating learner profiles to track progress and guide instruction using Early Grade Reading Assessment results. Occasional Paper No. OP-0068-2106. RTI Press. doi: 10.3768/rtipress.2021.op.0068.2106

2019

- Brunette, T., Piper, B., Jordan, R., King, S., & Nabacwa, R. (2019). The impact of mother tongue reading instruction in twelve Ugandan languages and the role of language complexity, socioeconomic factors, and program implementation. *Comparative Education Review*, 63(4), 591–612. doi: 10.1086/705426
- Brunette, T., Punjabi, M., Pouezevara, S., & Cummiskey, C. (2019). Reading achievement in the Philippines: The role of language complexity. Prepared for USAID under the All Children Reading– Asia program, the Philippines. RTI International. <u>https://pdf.usaid.gov/pdf_docs/PA00XBQ4.pdf</u>
- Jasińska, K. K., Wolf, S., **Jukes, M. C. H.**, & **Dubeck, M. M.** (2019). Literacy acquisition in multilingual educational contexts: Evidence from Coastal Kenya. *Developmental Science*, 22(5), e12828. <u>doi: 10.1111/desc.12828</u>

2018

- Piper, B., Simmons Zuilkowski, S., Kwayumba, D., & **Oyanga, A**. (2018). Examining the secondary effects of mother-tongue literacy instruction in Kenya: Impacts on student learning in English, Kiswahili, and mathematics. *International Journal* of Educational Development, 59, 110–127. doi: 10.1016/j. ijedudev.2017.10.002
- Sowa, P. (2018). Sifting through shifting sands: Confronting the self in teaching bilingual Emirati preservice teachers. In J. Sharkey & M. Madigan Peercy (Eds.), Self-study of language and literacy teacher education practices: Culturally and linguistically diverse contexts (1st ed., pp. 203–221). Advances in Research on Teaching Series: Vol. 30. Emerald Group Publishing. doi:10.1108/ S1479-368720180000030015

Mathematics

As with literacy skills, having foundational mathematics skills correlates with students' future accomplishments. We assess competencies, recommend instructional approaches, and measure the impact of mathematics interventions.

2022

Sitabkhan, Y. A., Platas, L., Kilonzo, T. N., & Ralaingita, W. D. (2022). Reform-based mathematics in Kenya: A case study. In *Global perspectives and practices for reform-based mathematics teaching* (pp. 257–272). IGI Global.

2021

Sitabkhan, Y., & Ampadu, E. (2021). Shifting teachers' practice in early mathematics classrooms in Ghana: A case study. *PROSPECTS*, 52(1–2), 157–171. doi: 10.1007/s11125-021-09578-2

2018

- Ketterlin-Geller, L. R., Perry, L., Platas, L. M., & **Sitabkhan, Y.** (2018). Aligning test scoring procedures with test uses of the *Early Grade Mathematics Assessment: A balancing act. Global Education Review, 5*(3), 143–164. <u>https://ger.mercy.edu/index.php/ger/</u> article/view/473
- Piper, B., **Sitabkhan, Y.**, & Nderu, E. (2018). Mathematics from the beginning: Evaluating the Tayari pre-primary program's impact on early mathematics skills. *Global Education Review*, *5*(3), 57–81. https://ger.mercy.edu/index.php/ger/article/view/434
- Sitabkhan, Y. A., & Platas, L. (2018). *Early mathematics counts:* Promising instructional strategies from low- and middle-income countries. Occasional Paper No. OP-0055-1807. RTI Press. doi: 10.3768/rtipress.2018.op.0055.1807
- Sitabkhan, Y., Platas, L. M., & Ketterlin-Geller, L. R. (2018). Capturing children's mathematical knowledge: An assessment framework. *Global Education Review*, 5(3), 106–124. <u>https://ger.mercy.edu/</u> index.php/ger/article/view/430

Pandemic Research and Responses

We prepare timely research and thought pieces regarding effects of the coronavirus pandemic and other long-term disruptions on education systems and interventions across the globe.

2021

Angrist, N., de Barros, A., Bhula, R., Chakera, S., **Cummiskey, C.**, **DeStefano, J.**, Floretta, J., Kaffenberger, M., Piper, B., & **Stern, J.** (2021). Building back better to avert a learning catastrophe: Estimating learning loss from COVID-19 school shutdowns in Africa and facilitating short-term and long-term learning recovery. *International Journal of Educational Development*– UNICEF Special Edition, 84, article no. 102397. <u>doi: 10.1016/j.</u> ijedudev.2021.102397

Bulat, J. (2021, September 7). Building blocks for a brighter future: How a kindergarten program prepared Liberian children for school, even during COVID. *SharEd*, RTI International. <u>https:// shared.rti.org/content/building-blocks-brighter-future-howkindergarten-program-prepared-liberian-children-school-1</u>

Policies and Systems 5 **Social and Emotional** Learning

Development

- Jordan, R., Pouezevara, S., Zangari, M., Carrol, B., Rakusin, M., & Mamytova, A. (2021). MEL-Tech case studies: Lessons learned from technology-supported remote trainings in five countries during the pandemic. SharEd, RTI International. https://shared.rti. org/content/mel-tech-case-studies-lessons-learned-technologysupported-remote-trainings-five-countries
- Kishore, A., Neff, V., Strigel, C., & Morency-Notario, P. (2021). Governments' organizational responses to COVID-19: Igniting interest and institutional capacity in EdTech. Study report. Prepared on behalf of the Basic Education Coalition EdTech Working Group. https://www.basiced.org/s/BEC-EdTech-Survey-Report_9132021.pdf

Pouezevara, S., De Leon, M. P., Sowa, P., Randolph, E., &

- Betts, K. (2021). Philippines Remote Learning Study on mothertongue-based multilingual education reading instruction during COVID-19. Briefs series for USAID:
- #1: Supporting home learning partners. https://bit.ly/3oLcVbh
- #2: Teaching and learning materials. https://bit.ly/3uZngvN
- #3: Use of technology. https://bit.ly/3HEMknL
- #4: Student engagement. https://bit.ly/3JjKKrV
- #5: Overcoming challenges. https://bit.ly/3GOi60i
- #6: School leadership. https://bit.ly/3JlbND5
- #7: Literacy instructional practice. https://bit.ly/3sCO3U7
- Sabates, R., Carter, E. & Stern, J. M. B. (2021). Using educational transitions to estimate learning loss due to COVID-19 school closures: The case of Complementary Basic Education in Ghana. International Journal of Educational Development, 82, article no. 102377. doi: 10.1016/j.ijedudev.2021.102377

2020

- Carrol, B. A. (2020). Top 10 lessons learned from implementing remote learning through IVR [interactive voice response] in Malawi. SharEd, RTI International. https://shared.rti.org/content/ top-10-lessons-learned-implementing-remote-learningthrough-ivr-malawi
- Pouezevara, S. (2020, September 3). Using the EdTech ecosystem profile to support COVID 19 response planning. SharEd, RTI International. https://shared.rti.org/content/using-edtechecosystem-profile-support-covid-19-response-planning
- Pouezevara, S., Ryan, J., & Bazer, S. (2020). School-based technology and the shift to remote learning during COVID-19: Exploring remote learning readiness of school districts in the Philippines. White Paper. Prepared for USAID under the All Children Reading–Asia program, the Philippines. RTI International. https://shared.rti.org/content/school-basedtechnology-and-shift-remote-learning-during-covid-19exploring-remote-learning
- Randolph, E., Jukes, M. C. H., Norman, J. R., & Tibenda, J. (2020, May 19). Co-creation of teaching activities during COVID-19. SharEd, RTI International. https://shared.rti.org/content/cocreation-teaching-activities-during-covid-19

Tan-Choi, A., Tinio, V., Castillo-Canales, D., Lim, C., Modesto, J., & Pouezevara, S. (2020). Teacher's guide for remote learning during school closures and beyond: Quick decision-making guide for rapid start up and continuity of learning [Commissioned work]. Quezon City: Foundation for Information Technology Education and Development. https://tsdownload.i-scream.co.kr/tscream/ v1.0/resources/download/Teachers-Guide-for-Remote-Learning-FINAL-April-2020.pdf

Policies and Systems

We research individual countries' policies in education data management, systems, finance, accountability, decentralization, budgeting, and planning and management, as well as the international community's contributions to such policies.

2023

Van Ravens, J., Crouch, L., Merseth King, K., Hartwig, E. A., & Aggio, C. (2023). The preschool entitlement: A locally adaptable policy instrument to expand and improve preschool education. Occasional Paper No. OP-0082-2302. RTI Press. doi: 10.3768/rtipress.2023. op.0082.2302

2022

- Bulat, J., & Gove, A. K. (2022). Commentary: Vulnerable children-A global perspective. New Directions for Child and Adolescent Development. doi: 10.1002/cad.20461
- Christodoulou, J. A., Okano, K. H., Gove, A., McBride, C., Raihani, R., Strigel, C., Pérez, L. T., & Chakraborty, A. (2022). Diversity and social justice in education. Chapter 4 in E. A. Vickers, K. Pugh, & L. Gupta (Eds.), Reimagining education: The international science and evidence-based education assessment (pp. 256-327), Education 2030, Working Group 02. Series editors: A. K. Duraiappah, N. M. van Atteveldt, et al. UNESCO, Mahatma Ghandi Institute of Education for Peace and Sustainable Development. https:// unesdoc.unesco.org/ark:/48223/pf0000380982/PDF/380982eng. pdf.multi
- Platas, L., Perry, L., Piper, B. L., & Sitabkhan, Y. A. (2022). Schoolentry predictors of lower primary reading and mathematics achievement in Kenya. Research in Comparative and International Education, 17(3), 441-459. doi: 10.1177/17454999221084414
- Randolph, E., Faris, B., & Uichico, S. (2022). Co-designing prototypes for future learning spaces: A field guide for scaling future learning spaces innovation in the Philippines. Prepared for USAID under the All Children Reading-Asia program, the Philippines. RTI International. https://shared.rti.org/content/co-designingprototypes-future-learning-spaces-field-guide-scaling-futurelearning-spaces
- Samoff, J., & Carrol, B. A. (2022). Education in Africa: Not remediation but transformation and innovation. In C. A. Torres, R. F. Arnove, & L. I. Misiaszek (Eds.), Comparative education: The dialectic of the global and the local (5th ed.). Rowman and Littlefield.
- Vazquez, T. (2022, September 30). Improving children's reading in Liberia: Results from the NORC impact evaluation of the Read Liberia Activity. SharEd, RTI International. https://shared.rti.org/ content/improving-childrens-reading-liberia-results-norc-impactevaluation-read-liberia-activity-0

Inclusion

2

Development 7

Technology 8

Vazquez, T. (2022, December 23). Sustaining and extending reading improvements in Liberia beyond the life of the Activity. ShareEd, RTI International. https://shared.rti.org/content/sustaining-andextending-reading-improvements%C2%A0-liberia-beyond-lifeactivity

2021

- Crouch, L., Kaffenberger, M., & Savage, L. (2021). Using learning profiles to inform education priorities: An editors' overview of the Special Issue. International Journal of Educational Development, 86, article no. 102477. doi: 10.1016/j.ijedudev.2021.102477
- Crouch, L. A., Rolleston, C. & Gustafsson, M. (2021). Eliminating global learning poverty: The importance of equalities and equity. International Journal of Educational Development, 82, article no. 102250. doi: 10.1016/j.ijedudev.2020.102250
- Sowa, P., Jordan, R., Ralaingita, W., & Piper, B. (2021). Higher grounds: Practical guidelines for forging learning pathways in upper primary education. Occasional Paper No. OP-0069-2105. RTI Press. doi: 10.3768/rtipress.2021.op.0069.2105
- Stern, J., Jukes, M., Piper, B., DeStefano, J., Mejia, J., Dubeck, P., Carrol, B., Jordan, R., Gatuyu, C., Nduku, T., Punjabi, M., Harris Van Keuren, C., & Tufail, F. (2021). Learning at Scale: Interim report. Prepared for the Center for Global Development and the Bill & Melinda Gates Foundation. RTI International. https://shared.rti. org/content/learning-scale-interim-report#
- Taylor-Pearce, M., Carrol, B., & Bindi, G. (2021). School principals making sense of a national reform agenda: The case of Sierra Leone. International Journal of Leadership in Education (e-pub ahead of print), 1-20. doi: 10.1080/13603124.2021.1889684

2020

Crouch, L. A. (2020, July 8). Systems implications for core instructional support lessons from Sobral (Brazil), Puebla (Mexico), and Kenya. RISE Programme Insight Note Series. https://riseprogramme.org/ publications/systems-implications-core-instructional-supportlessons-sobral-brazil-puebla-mexico

2019

- Thulare, T. D., Spoolstra, C., Dombrowski, E., Jordan, R. G., & Nabacwa, R. (2019). A comparative policy analysis of the comprehensive refugee response framework in Uganda and Kenya. In A. W. Wiseman, L. Damaschke-Deitrick, E. L. Galegher, & M. F. Park (Eds.), Comparative perspectives on refugee youth education: Dreams and realities in educational systems worldwide (1st ed., pp. 131–154). Routledge Research in International and Comparative Education. doi: 10.4324/9780429433719-6
- Weatherholt, T., Jordan, R., Crouch, L., Barnett, E., & Pressley, J. K. (2019). Challenges of over-enrollment in the early years of primary school in Uganda. International Journal of Early Childhood, 51(1), 23-40. doi: 10.1007/s13158-019-00238-3

2018

Crouch, L. A., & Hoadley, U. (2018). The transformation of South Africa's system of basic education. In B. Levy, R. Cameron, U. Hoadley, & V. Naidoo (Eds.), The politics and governance of basic education: A tale of two South African provinces (pp. 27-60). Oxford University Press.

- Piper, B., DeStefano, J., Kinyanjui, E. M., & Ong'ele, S. (2018). Scaling up successfully: Lessons from Kenya's Tusome national literacy program. Journal of Educational Change, 19(3), 293-321. doi: 10.1007/s10833-018-9325-4
- Piper, B., Merseth King, K., & Ngaruiya, S. (2018). Scaling up early childhood development and education in a devolved setting: Policy making, resource allocations, and impacts of the Tayari school readiness program in Kenya. Global Education Review, 5(2), 47-68. https://ger.mercy.edu/index.php/ger/article/view/397
- Schuler, B. R., Saksvig, B. I., Nduka, J., Beckerman, S., Jaspers, L., Black, M. M., & Hager, E. R. (2018). Barriers and enablers to the implementation of school wellness policies: An economic perspective. Health Promotion Practice, 19(6), 873-883. doi: 10.1177/1524839917752109
- Simmons Zuilkowski, S. S., Piper, B., Ong'ele, S. A., & Kiminza, O. (2018). Parents, quality and school choice: Why parents in Nairobi choose low-cost private schools over public schools in Kenya's Free Primary Education era. Oxford Review of Education, 44(2), 258-274. doi: 10.1080/03054985.2017.1391084

Social and Emotional Learning

We consider social and cultural factors that have an impact on children's learning, life skills, and emotional well-being.

2023

Jukes, M. C. H., Mgonda, N. L., Tibenda, J. L., & Sitabkhan, Y. (2023). The role of teachers' implicit social goals in pedagogical reforms in Tanzania. Oxford Review of Education, 49(1), 10-28. doi: 10.1080/03054985.2022.2093178

2022

- Jukes, M. C. H., Mgonda, N. L., Tibenda, J. L., & Sitabkhan, Y. 2022). The role of teachers' implicit social goals in pedagogical reforms in Tanzania. Oxford Review of Education, 1–19. doi: 10.1080/03054985.2022.2093178
- Norman, J. R., Jukes, M. C. H., Randolph, E., Sowa, P. A., & Harden, K. K. (2022). Promoting social and emotional learning in the classroom: A guide to evidence-based practices in low- and middle-income countries. RTI International. https://www.rti.org/ sites/default/files/sel_guidebook_30sept22_2_final.pdf

2021

- Jukes, M. C. H., Mgonda, N. L., Tibenda, J. J., Gabrieli, P., Jeremiah, G., Betts, K. L., Williams, J., & Bub, K. L. (2021). Building an assessment of community-defined socialemotional competencies from the ground up in Tanzania. Child Development, 92(6), e1095-e1109. doi: 10.1111/cdev.13673
- Jukes, M. C. H., Sitabkhan, Y. & Tibenda, J. J. (2021). Adapting pedagogy to cultural context. Occasional Paper No. OP-0070-2109. RTI Press. doi: 10.3768/rtipress.2021.op.0070.2109

2020

Jukes, M. C. H. (2020). Supporting communities across different contexts to promote social and emotional learning. In W. Millard & J. McIntosh (Eds.), Social and emotional learning and the new normal: A summary of The Centre for Education and Youth and STiR Education's Roundtable, with accompanying expert thinkpieces (pp. 21–22). The Centre for Education and Youth. https://cfey.org/ wp-content/uploads/2020/08/Social-emotional-learning-report-A4-digi.pdf

2

Policies and Systems 5 Social and Emotional Learning 6

2019

- Jukes, M. C. H. (2019). Contextualizing the goals of social and emotional learning curricula and materials. In A. Smart, M. Sinclair, A. Benavot, J. Bernard, C. Chabbott, S. G. Russell, & J. Williams (Eds.), *NISSEM Global Briefs: Educating for the social, the emotional and the sustainable* (pp. 182–197). Open-access publication of the nonprofit group Networking to Integrate SDG Target 4.7 and Social and Emotional Learning into Educational Materials (NISSEM). https://nissem.org/globalbriefs
- Randolph, E., Burkholder, G. L., & Katende Sempa, H. (2019). The Journeys approach to building a safe, inclusive and positive school and fostering social and emotional learning. In A. Smart, M. Sinclair, A. Bernard, C. Chabbott, S. G. Russell. & J. H. Williams (Eds.), *NISSEM Global Briefs: Educating for the social, the emotional and the sustainable* (pp. 250–264). Open-access publication of NISSEM. https://nissem.org/globalbriefs
- Randolph, E., Edwards, L., & Norman, J. (2019). The central role of school culture and climate in fostering social and emotional learning: Evidence from Malawi and Uganda. In A. Smart, M. Sinclair, A. Benavot, C. Chabbot, S. G. Russell, & J. H. Williams (Eds.), *NISSEM Global Briefs: Educating for the social, the emotional and the sustainable* (pp. 198–214). https://nissem.org/globalbriefs

2018

Jukes, M., Gabrieli, P., Mgonda, N. L., Nsolezi, F., Jeremiah, G., Tibenda, J., & Bub, K. (2018). "Respect is an investment": Community perceptions of social and emotional competencies in early childhood from Mtwara, Tanzania. *Global Education Review*, *5*(2), 160–188. <u>https://ger.mercy.edu/index.php/ger/article/</u> view/401

Teacher Training and Professional Development

We work to enhance teachers' professional skills as a means to improve student outcomes.

2022

Bulat, J. (2022, February 17). Motivating teachers by recognizing their excellence. *ShareEd*, RTI International. <u>https://shared.rti.org/</u>content/motivating-teachers-recognizing-their-excellence

2021-2022

Technical how-to documents and structured pedagogy guides developed by RTI International under the Implementing the Science of Teaching for Foundational Literacy and Numeracy grant, through the Bill & Melinda Gates Foundation. Gateway page: <u>https://</u>scienceofteaching.site/structured-pedagogy/#how-to

This work is licensed under a <u>Creative Commons Attribution 4.0 International</u> <u>License</u>

- Chiapetta, M., Piper, B. L., Ralaingita, W. D., & Norman, J. R. (2021). Assessment-informed instruction: Systems level. <u>https://</u> scienceofteaching.site/assessment-informed-instruction/#how-to
- Lutfeali, S., **Sitabkhan, Y., Ralaingita, W.**, & Piper, B. (2021). Designing effective numeracy programs in low- and middle-income countries. <u>https://scienceofteaching.site/numeracy-program-</u> design-and-implementation/#how-to
- Norman, J. R., Ralaingita, W. D., Long, B., & Davidson, M. (2022). Remediation in foundational literacy and numeracy: A how-to guide. <u>https://scienceofteaching.site/remediation-strategies-and-approaches/#how-to</u>

Ralaingita, W., Jordan, R., Long, E., Piper, B., & Fesmire, M. (2021). Assessment-informed instruction: Classroom level. <u>https://</u> scienceofteaching.site/assessment-informed-instruction/#how-to

Teacher Training

and Professional

Development

7

- Ralaingita, W., Trudell, B., Dubeck, M. M., Piper, B., & Norman, J. (2022). Language of instruction: Practical language choices for improving foundational literacy and numeracy in sub-Saharan Africa. https://scienceofteaching.site/language-of-instruction/#how-to
- Simmons Zuilkowski, S., **Sowa, P., Ralaingita, W.**, & Piper, B. (2022a). Literature review on pre-service teacher education for primary-grade literacy and numeracy. <u>https://scienceofteaching.site/pre-service-teacher-training/#literature-reviews</u>
- Simmons Zuilkowski, S., **Sowa, P., Ralaingita, W.**, & Piper, B. (2022b). *Pre-service teacher education*. <u>https://scienceofteaching.site/pre-</u> service-teacher-training/#how-to
- Trudell, B., **Ralaingita, W. D.**, **Dubeck, M.**, Piper, B. L., & **Norman,** J. R. (2022). Language of instruction in foundational literacy & numeracy programs in sub-Saharan Africa: The basics. <u>https://</u> scienceofteaching.site/language-of-instruction/#how-to

Structured pedagogy guides:

- Piper, B., Ralaingita, W., Mejia, J., Dubeck, M. M., DeStefano, J., Stern, J., Jordan, R., & Sitabkhan, Y. (2022). Structured pedagogy: [Overview of] how-to guides and literature review. <u>https://</u> scienceofteaching.site/wp-content/uploads/2022/10/SP_ Introduction.pdf
- Piper, B., & **DeStefano**, J. (2021). *Structured pedagogy can really work:* A note for education leaders. <u>https://scienceofteaching.site/wp-</u> content/uploads/2022/10/SP_Note4EducationLeaders.pdf
- Piper, B., & **DeStefano, J.** (2021). *Structured pedagogy: Literature review*. <u>https://scienceofteaching.site/wp-content/</u> uploads/2022/11/Structured-Pedagogy-Literature-Review-1.pdf
- Piper, B. (2021). Structured pedagogy guide 1: Government leadership and program adoption. https://scienceofteaching.site/wp-content/ uploads/2022/10/SP_1_Gov-Leadership-Program-Adoption.pdf
- Piper, B., & **Mejia**, J. (2021). Structured pedagogy guide 2: Designing an effective structured pedagogy program. <u>https://scienceofteaching.site/wp-content/uploads/2022/10/SP_2_Designing-an-Effective-Structured-Pedagogy-Program.pdf</u>
- Dubeck, M. M., & Sitabkhan, Y. (2022). Structured pedagogy guide 3: Curriculum and scope and sequence development for literacy and numeracy. <u>https://scienceofteaching.site/wp-content/</u> <u>uploads/2022/10/SP_3_Curriculum-and-Scope-and-Sequence-</u> <u>Dev.-for-Lit-and-Num.pdf</u>
- Mejia, J., & Ralaingita, W. (2022). Structured pedagogy guide 4: Teaching and learning materials development. <u>https://</u> <u>scienceofteaching.site/wp-content/uploads/2022/10/SP_4_</u> Teaching-and-Learning.pdf
- Mejia, J. (2021). Structured pedagogy guide 5: Teacher professional development: Teacher training. <u>https://scienceofteaching.site/</u>wp-content/uploads/2022/10/SP_5_Teacher-Professional-Dev.-Teacher-Training-1.pdf
- Ralaingita, W. (2021). Structured pedagogy guide 6: Teacher professional development: Ongoing teacher support. <u>https://</u> scienceofteaching.site/wp-content/uploads/2022/10/SP_6_ Teacher-Professional-Dev-Ongoing-Teacher-Support.pdf

Teacher Training and Professional Development 7 Technology 8

- Stern, J., & Jordan, R. (2021). Structured pedagogy guide 7: Data, systems, and accountability. <u>https://scienceofteaching.</u> <u>site/wp-content/uploads/2022/10/SP_7_Data-Systems-and-</u> <u>Accountability.pdf</u>
- DeStefano, J. (2021). Structured pedagogy guide 8: What do education leaders need to know? <u>https://scienceofteaching.</u> <u>site/wp-content/uploads/2022/10/SP_8_What-do-Education-</u> Leaders-Need-to-Know.pdf

2019

Sowa, P. A., & Schmidt, C. (2019). Preparing teachers to teach for social justice: Mirrors and windows. In J. Kitchen, A. Berry, H. Guðjónsdóttir, S. Bullock, M. Taylor, & A. Crowe (Eds.), Second international handbook of self-study of teaching and teacher education (pp. 1–19). Springer/Sense. doi: 10.1007/978-981-13-1710-1_17-1

2018

- Pouezevara, S. R. (Ed.). (2018). Cultivating dynamic educators: Case studies in teacher behavior change in Africa and Asia. Book No. BK-0022-1809. RTI Press. doi: 10.3768/rtipress.2018.bk.0022.1809
 - Ch. 1–**Pouezevara, S. R.** (2018). Understanding and influencing teacher behavior change: Editorial introduction. (pp. 1–22)
 - Ch. 2–Mekonnen, D., Fesmire, M., Barnes, A., **Backman, S.**, & Ramos-Mattoussi, F. (2018). Changing teacher educators' conceptions and practices around literacy instruction: Lessons from teacher educators' professional development experiences in Ethiopia. (pp. 23–63)
 - Ch. 3–**Rakusin, M.**, & Bostock, G. (2018). School leadership and early grade reading: Examining the evidence in Zambia. (pp. 65–106)
 - Ch. 5–Slade, T. S., Kipp, S., Cummings, S., & Nyirongo, K. (2018). Short message service (SMS)–based remote support and teacher retention of training gains in Malawi. (pp. 131–167)
 - Ch. 6–**Harden, K.**, Pflepsen, A., & **King, S.** (2018). Relationships between coach support and teachers' adoption of new instructional practices: Findings from the Nigeria Reading and Access Research Activity (RARA). (pp. 169–204)
 - Ch. 7–**Pouezevara, S.**, Sentosa, F., & Asrianti, T. (2018). Using activity theory to understand teacher peer learning in Indonesia. (pp. 205–247)

Technology

We investigate and apply cost-effective technologies to collect data for decision making and to improve coaching and classroom instruction.

2022

- Jordan, R., Pouezevara, S., & Strigel, C. (2022). Monitoring, evaluation, and learning framework for technology-supported remote teacher trainings. RTI International. <u>https://shared.rti.</u> org/content/mel-framework-technology-supported-remoteteacher-training
- RTI International. (2022a). Computer-based reading assessment pilot report. Prepared for USAID under the All Children Reading -Asia program, the Philippines. <u>https://shared.rti.org/content/</u> <u>computer-based-reading-assessment-pilot-report</u>
- RTI International. (2022b). Formative evaluation of the DepEd Commons – Final report. Prepared for USAID under the All Children Reading–Aisa program, the Philippines. <u>https://pdf.</u> usaid.gov/pdf_docs/PA00ZMN8.pdf

2021

Punjabi, M., Norman, J., Edwards, E., & Muyingo, P. (2021). Using ACASI [audio computer-assisted self-interviewing] to measure SRGBV [school-related gender-based violence] in Ugandan primary schools. Research Brief No. RB-0025-2104. RTI Press. doi: 10.3768/ rtipress.2021.rb.0025.2104

2020

- Pouezevara, S., Arinto, P. B., Dunuan, L. F., & Sasing, M. T. (2020). EdTech ecosystem report: Philippines. Prepared for USAID under the All Children Reading–Asia program, the Philippines. RTI International. https://pdf.usaid.gov/pdf_docs/PA00WKGW.pdf
- Pouezevara, S., & Strigel, C. (2020). CurrantMobile: Analyzing and validating game-based assessments. Presented at 10th annual mEducation Alliance Symposium, September 14–16, 2020, Washington, DC. Animated short video: <u>https://www.youtube.com/watch?v=kL5w9f3VI3c</u>
- RTI International. (2020). *eResources review toolkit*. Prepared for USAID under the All Children Reading–Asia program, the Philippines. https://pdf.usaid.gov/pdf_docs/PA00XGB7.pdf

2019

Pouezevara, S., Powers, S., Moore, G., Strigel, C., & McKnight, K. (2019). Assessing soft skills in youth through digital games. *ICERI2019 Proceedings*, 3057–3066. 12th annual International Conference of Education, Research and Innovation. <u>doi: 10.21125/iceri.2019.0774</u>

More Information

Amber Gove, Fellow International Education agove@rti.org Follow @RTI_EdWork Follow @RTI_IntI_Dev http://SharEd.rti.org



RTI Practice Area: International Education

RTI International is an independent, nonprofit research institute dedicated to improving the human condition. Clients rely on us to answer questions that demand an objective and multidisciplinary approach—one that integrates expertise across the social and laboratory sciences, engineering, and international development. We believe in the promise of science, and we are inspired every day to deliver on that promise for the good of people, communities, and businesses around the world. For more information, visit www.rti.org.

RTI International is a trade name of Research Triangle Institute. RTI and the RTI logo are U.S. registered trademarks of Research Triangle Institute.