

Defining and Measuring Student-Centered Outcomes Full Bibliography

- 2Revolutions. 2016. "Assessment for Learning Initiative Milestone Report." New York, NY: 2Revolutions.
- 2. Alliance for Excellent Education. 2011. "A Time for Deeper Learning: Preparing Students for a Changing World." Washington, DC: Alliance for Excellent Education.
- 3. Almlund, Mathilde, Angela Lee Duckworth, James Heckman, and Tim Kautz. 2011. "Personality Psychology and Economics." In *Handbook of the Economics of Education*, 4:1–181. Elsevier.
- 4. American Institutes of Research. 2015. "Decision Tree: Are You Ready to Assess Social and Emotional Development?" Washington, DC: American Institutes of Research. https://www.air.org/resource/are-you-ready-assess-social-and-emotional-development.
- 5. Anderson, Carolyn S. 1982. "The Search for School Climate: A Review of the Research." *Review of Educational Research* 52 (3): 368–420.
- 6. Anderson, John R. 1995. *The Architecture of Cognition*. 1 edition. Mahwah, NJ: Psychology Press.
- Anderson, Meredith BL. 2016. "Building Better Narratives in Black Education."
 Washington, DC: UNCF, Frederick D. Patterson Research Institute.
- 8. Aragon, Stephanie. 2015. "Deeper Learning: A Primer for State Legislators." Education Commission of the States.
- 9. ASCD. 2012. "Purpose of Education One-Pager." ASCD.
- 10. Aspen Institute Education & Society Program. 2018. "Pursuing Social and Emotional Development Through a Racial Equity Lens: A Call to Action." Washington, DC: Aspen Institute.
- 11. Atwood, Jason, and Stacey Childress. 2018. "Embracing and Measuring an Expanded Definition of Student Success." Oakland, CA: New Schools Venture Fund.
- 12. Autor, David H., Frank Levy, and Richard J. Murnane. 2003. "The Skill Content of Recent Technological Change: An Empirical Exploration." *The Quarterly Journal of Economics* 118 (4): 1279–1333.
- 13. Baird, Leonard L. 1985. "Do Grades and Tests Predict Adult Accomplishment?" Research in Higher Education 23 (1): 3–85.
- Bales, Susan Nall, Nat Kendall-Taylor, Eric Lindland, Moira O'Neil, and Adam Simon.
 "Talking About Skills and Learning."



- 15. Barrett, Helen C. 2007. "Researching Electronic Portfolios and Learner Engagement: The REFLECT Initiative." *Journal of Adolescent & Adult Literacy* 50 (6): 436–449.
- 16. Barrick, Murray R., Michael K. Mount, and Timothy A. Judge. 2001. "Personality and Performance at the Beginning of the New Millennium: What Do We Know and Where Do We Go Next?" *International Journal of Selection and Assessment* 9 (1–2): 9–30.
- 17. Becker, D. E. (Sunny), Arthur A. Thacker, Andrea Sinclair, Emily R. Dickinson, Anne Woods, and Caroline R. H. Wiley. 2017. "Formative Evaluation of New Hampshire's Performance Assessment of Competency Education (PACE)." Alexandria, VA: HumRRO.
- 18. Belfiore, Grace, and Dave Lash. 2017. "Welcome to the MyWays Student Success Framework." MyWays Report Series. Next Generation Learning Challenges. https://myways.nextgenlearning.org/report/.
- 19. Bellanca, James, and Ron Brandt, eds. 2010. *21st Century Skills: Rethinking How Students Learn*. 1 edition. Bloomington, IN: Solution Tree.
- 20. Berg, Juliette, David Osher, Michelle R. Same, Elizabeth Nolan, Deaweh Benson, and Naomi Jacobs. 2017. "Identifying, Defining, and Measuring Social and Emotional Competencies." American Institutes for Research.
- 21. Bialik, Maya, Jonathan Martin, Merrilea Mayo, and Bernie Trilling. 2016. "Evolving Assessments for a 21st Century Education." Boston, MA: Center for Curriculum Redesign.
- 22. Blackwell, Lisa S., Kali H. Trzesniewski, and Carol Sorich Dweck. 2007. "Implicit Theories of Intelligence Predict Achievement Across an Adolescent Transition: A Longitudinal Study and an Intervention." *Child Development* 78 (1): 246–63. https://doi.org/10.1111/j.1467-8624.2007.00995.x.
- 23. Borghans, Lex, Angela Lee Duckworth, James J. Heckman, and Bas Ter Weel. 2008.
 "The Economics and Psychology of Personality Traits." *Journal of Human Resources* 43 (4): 972–1059.
- 24. Bowles, Samuel, and Herbert Gintis. 1976. *Schooling in Capitalist America*. Vol. 57. New York, NY: Basic Books.
- 25. ——. 2002. "Schooling in Capitalist America Revisited." Sociology of Education, 1–18.
- 26. Bridgeland, John, Mary Bruce, and Arya Hariharan. 2006. "The Missing Piece: A National Teacher Survey on How Social and Emotional Learning Can Empower Children and Transform Schools." Civic Enterprises.



- 27. Brokenleg, Martin. 1998. "Native Wisdom on Belonging." *Reclaiming Children and Youth* 7 (3): 130–32.
- 28. ——. 2012. "Transforming Cultural Trauma into Resilience." *Reclaiming Children and Youth* 21 (3): 9.
- 29. Brown, Peter C., Henry L. Roediger III, and Mark A. McDaniel. 2014. *Make It Stick: The Science of Successful Learning*. Cambridge, MA: Harvard University Press.
- 30. Brown, Sally. 2005. "Assessment for Learning." *Learning and Teaching in Higher Education*, no. 1: 81–89.
- 31. Bushaw, William J., and Shane J. Lopez. 2011. "Highlights of the 2011 Gallup/PDK Poll." *Phi Delta Kappan* 93 (1): 9–26. https://doi.org/10.1177/003172171109300103.
- 32. Bushaw, William J, and Shane J Lopez. n.d. "The 45th Annual PDK Poll of the Public's Attitudes Toward the Public Schools." Phi Delta Kappan.
- 33. Business Roundtable. 2014. "Closing America's Skills Gap: A Business Roundtable Vision and Action Plan." Washington, DC: Business Roundtable.
- 34. Caraballo, Limarys, Brian D. Lozenski, Jamila J. Lyiscott, and Ernest Morrell. 2017. "YPAR and Critical Epistemologies: Rethinking Education Research." Review of Research in Education 41 (1): 311–36. https://doi.org/10.3102/0091732X16686948.
- 35. Carissa Romero. 2015. "What We Know About Belonging from Scientific Research." Mindset Scholars Network.
- 36. Carnevale, Anthony P., Nicole Smith, and Michelle Melton. 2011. "STEM: Science Technology Engineering Mathematics." Washington, DC: Georgetown University Center on Education and the Workforce.
- 37. Carroll, John B. 1993. *Human Cognitive Abilities: A Survey of Factor-Analytic Studies*. Cambridge University Press.
- 38. CASEL. 2017. "CASEL Competencies Infographic." CASEL.
- 39. Caspi, Avshalom, Brent W. Roberts, and Rebecca L. Shiner. 2005. "Personality Development: Stability and Change." *Annu. Rev. Psychol.* 56: 453–484.
- 40. Celio, Christine I., Joseph Durlak, and Allison Dymnicki. 2011. "A Meta-Analysis of the Impact of Service-Learning on Students." *Journal of Experiential Education* 34 (2): 164–181.
- 41. Chattergoon, Rajendra, and Scott Marion. 2016. "Not as Easy as It Sounds: Designing a Balanced Assessment System." National Association of State Boards of Education.
- 42. Chico, Gery J, and Christopher A Koch. 2014. "FAQs: Illinois 5Essentials Survey." Chicago, IL: Illinois State Board of Education.



- 43. Christenson, Sandra L., Amy L. Reschly, and Cathy Wylie, eds. 2012. *Handbook of Research on Student Engagement*. New York, NY: Springer Science & Business Media.
- 44. Chun, Marc. 2010. "Taking Teaching to (Performance) Task: Linking Pedagogical and Assessment Practices." *Change Magazine*, April 2010.
- 45. Clifford, Matthew, Roshni Menon, Tracy Gangi, Christopher Condon, and Katie Hornung. 2012. "Measuring School Climate for Gauging Principal Performance: A Review of the Validity and Reliability of Publicly Accessible Measures." Washington, DC: American Institutes for Research. http://doi.apa.org/get-pe-doi.cfm?doi=10.1037/e572172012-001.
- 46. Cohen, Jonathan. 2006. "Social, Emotional, Ethical, and Academic Education: Creating a Climate for Learning, Participation in Democracy, and Well-Being." *Harvard Educational Review* 76 (2): 201–237.
- 47. Cohen, Jonathan, Libby McCabe, Nicholas M. Michelli, and Terry Pickeral. 2009. "School Climate: Research, Policy, Practice, and Teacher Education." *Teachers College Record* 111 (1): 180–213.
- 48. Cohen, Jonathan, Terry Pickeral, and Molly McCloskey. 2009. "The Challenge of Assessing School Climate." *Educational Leadership* 66 (2): 7.
- 49. Committee for Children and CASEL. 2016. "Why Social and Emotional Learning and Employability Skills Should Be Prioritized in Education." Seattle, WA: Committee for Children and CASEL.
- 50. Conley, David. 2014. "Measures for a College and Career Indicator: Innovative Measures." Education Policy Improvement Center (EPIC).
- 51. Conley, David T. 2013. *Getting Ready for College, Careers, and the Common Core:*What Every Educator Needs to Know. 1 edition. San Francisco, CA: Jossey-Bass.
- 52. ——. 2014. "New Conceptions of College and Career Ready: A Profile Approach to Admission." *Journal of College Admission*, no. 223.
- 53. Conley, David T, and Linda Darling-Hammond. 2013. "Creating Systems of Assessment for Deeper Learning." Stanford, CA: Stanford Center for Opportunity Policy in Education (SCOPE).
- 54. Cornell, Dewey G., and Matthew J. Mayer. 2010. "Why Do School Order and Safety Matter?" *Educational Researcher* 39 (1): 7–15.
- 55. Council for Aid to Education. 2017. "CWRA+ Sample Assessments." Council for Aid to Education.
 - https://cae.org/flagship-assessments-cla-cwra/cwra-critical-thinking-instrument-for-high-schools-middle-schools/resources-for-cwra/.



- 56. Council, National Research. 2000. *How People Learn: Brain, Mind, Experience, and School: Expanded Edition*. National Academies Press.
- 57. Cunningham, Anne E., and Keith E. Stanovich. 1997. "Early Reading Acquisition and Its Relation to Reading Experience and Ability 10 Years Later." *Developmental Psychology* 33 (6): 934.
- 58. Darling, Kristen, and Deborah Temkin. 2014. "A Positive School Climate Can Mean a Successful School Year." *Child Trends Blog* (blog). September 3, 2014. https://www.childtrends.org/a-positive-school-climate-can-mean-a-successful-school-year.
- 59. Darling-Hammond, Linda. 2017. "Developing and Measuring Higher Order Skills: Models for State Performance Assessment Systems." Stanford, CA: Learning Policy Institute.
- 60. Darling-Hammond, Linda, and Frank Adamson. 2013. "Developing Assessments of Deeper Learning: The Costs and Benefits of Using Tests That Help Students Learn." Stanford, CA: Stanford Center for Opportunity Policy in Education (SCOPE).
- 61. Darling-Hammond, Linda, Gene Wilhoit, and Linda Pittenger. 2014. "Accountability for College and Career Readiness: Developing a New Paradigm." Stanford, CA: Stanford Center for Opportunity Policy in Education (SCOPE). http://epaa.asu.edu/ojs/article/view/1724/1334.
- 62. Data Quality Campaign. 2016a. "Four Policy Priorities to Make Data Work for Students."
- 63. ——. 2016b. "Data Can Help Every Student Excel."
- 64. ——. 2018a. "Using Social-Emotional Data in the CORE Districts: Lessons Learned." Washington, DC: Data Quality Campaign.
- 65. ——. 2018b. "Parents Value, Trust, and Rely on Education Data." Washington, DC: Data Quality Campaign.
- 66. ——. 2018c. "What Parents and Teachers Think About Education Data."
- 67. David, Jane L. 2011. "Research Say: High-Stakes Testing Narrows the Curriculum." *Educational Leadership* 68 (6): 78–80.
- 68. Dede, Chris. 2010. "Comparing Frameworks for 21st Century Skills." In *21st Century Skills: Rethinking How Students Learn*, 20:51–76. Bloomington, IN: Solution Tree.
- 69. Delpit, Lisa. 1986. "Skills and Other Dilemmas of a Progressive Black Educator." *Harvard Educational Review* 56 (4): 379–86. https://doi.org/10.17763/haer.56.4.674v5h1m125h3014.



- 70. ——. 1988. "The Silenced Dialogue: Power and Pedagogy in Educating Other People's Children." *Harvard Educational Review* 58 (3): 280–99. https://doi.org/10.17763/haer.58.3.c43481778r528gw4.
- 71. Denham, Susanne. 2016. "Tools to Assess Social and Emotional Learning in Schools." Edutopia. June 17, 2016.
 - https://www.edutopia.org/blog/tools-assess-sel-in-schools-susanne-a-denham.
- 72. Denham, Susanne A, Peter Ji, and Bridget Hamre. 2010. "Compendium of Preschool Through Elementary School Social-Emotional Learning and Associated Assessment Measures." Chicago, IL: CASEL.
- 73. Diedrich, Michael, Meredith Pozzi, and Luke Plutowski. 2014. "Valuing the Whole Child: Education Beyond Test Scores." Saint Paul, MN: Minnesota 2020.
- 74. DuBois, David L., Nelson Portillo, Jean E. Rhodes, Naida Silverthorn, and Jeffrey C. Valentine. 2011. "How Effective Are Mentoring Programs for Youth? A Systematic Assessment of the Evidence." *Psychological Science in the Public Interest* 12 (2): 57–91.
- 75. Duckworth, Angela L., Christopher Peterson, Michael D. Matthews, and Dennis R. Kelly. 2007. "Grit: Perseverance and Passion for Long-Term Goals." *Journal of Personality and Social Psychology* 92 (6): 1087.
- 76. Duckworth, Angela L., and David Scott Yeager. 2015. "Measurement Matters: Assessing Personal Qualities Other Than Cognitive Ability for Educational Purposes." *Educational Researcher* 44 (4): 237–51. https://doi.org/10.3102/0013189X15584327.
- 77. Duncan, Greg J., Chantelle J. Dowsett, Amy Claessens, Katherine Magnuson, Aletha C. Huston, Pamela Klebanov, Linda S. Pagani, Leon Feinstein, Mimi Engel, and Jeanne Brooks-Gunn. 2007. "School Readiness and Later Achievement." *Developmental Psychology* 43 (6): 1428.
- 78. Durlak, Joseph A., Roger P. Weissberg, Allison B. Dymnicki, Rebecca D. Taylor, and Kriston B. Schellinger. 2011. "The Impact of Enhancing Students' Social and Emotional Learning: A Meta-Analysis of School-Based Universal Interventions." *Child Development* 82 (1): 405–432.
- 79. Dusenbury, Linda, and Roger Weissberg. 2018. "Emerging Insights from States' Efforts to Strengthen Social and Emotional Learning." Chicago, IL: CASEL.
- 80. Dweck, Carol S. 2008. *Mindset: The New Psychology of Success*. Random House Digital, Inc.



- 81. Dweck, Carol S., Gregory M. Walton, and Geoffrey L. Cohen. 2014. "Academic Tenacy: Mindsets and Skills That Promote Long-Term Learning." Seattle, WA: Bill and Melinda Gates Foundation.
- 82. Dymnicki, Allison, Megan Sambolt, and Yael Kidron. 2013. "Improving College and Career Readiness by Incorporating Social and Emotional Learning." Washington, DC: American Institutes for Research.
- 83. Education First. 2018. "Whatever Happened to All Those New & Better State Tests." Education First.
- 84. Education First Consulting. 2008. "The National Assessment Landscape: A Fifty-State Summary of Comprehensive and End-of-Course Testing." Washington State Board of Education.
- 85. ——. 2018. "A Broader Vision of Student Success: Insights and Opportunities for Social and Emotional Learning in Delaware." Education First Consulting.
- 86. EdVisions. 2017. "Hope Survey One Pager." EdVisions.
- 87. Egalite, Anna J., Jonathan N. Mills, and Jay P. Greene. 2016. "The Softer Side of Learning: Measuring Students' Non-Cognitive Skills." *Improving Schools* 19 (1): 27–40.
- 88. Epstein, Joyce L., Mavis G. Sanders, Steven B. Sheldon, Beth S. Simon, Karen Clark Salinas, Natalie Rodriguez Jansorn, Frances L. Van Voorhis, Cecelia S. Martin, Brenda G. Thomas, and Marsha D. Greenfeld. 2018. *School, Family, and Community Partnerships: Your Handbook for Action*. Thousand Oaks, CA: Corwin Press.
- 89. Fadel, Charles, Bernie Trilling, and Maya Bialik. 2015. *Four-Dimensional Education: The Competencies Learners Need to Succeed*. 1 edition. CreateSpace Independent Publishing Platform.
- 90. Farkas, George. 2003. "Cognitive Skills and Noncognitive Traits and Behaviors in Stratification Processes." *Annual Review of Sociology* 29 (1): 541–562.
- 91. Farrington, Camille A., Melissa Roderick, Elaine Allensworth, Jenny Nagaoka, Tasha Seneca Keyes, David W. Johnson, and Nicole O. Beechum. 2012. *Teaching Adolescents to Become Learners: The Role of Noncognitive Factors in Shaping School Performance–A Critical Literature Review.* Chicago, IL: University of Chicago.
- 92. Feeney, Mary, and John Heroff. 2013. "Barriers to Need-Based Financial Aid: Predictors of Timely FAFSA Completion Among Low-Income Students." *Journal of Student Financial Aid* 43 (2): 2.



- 93. Fredricks, Jennifer A., Phyllis C. Blumenfeld, and Alison H. Paris. 2004. "School Engagement: Potential of the Concept, State of the Evidence." *Review of Educational Research* 74 (1): 59–109.
- 94. Gagné, Marylène, and Edward L. Deci. 2005. "Self-Determination Theory and Work Motivation." *Journal of Organizational Behavior* 26 (4): 331–362.
- 95. Gates Foundation. 2017. "Gates Foundation Predictive Outcomes and Indicators."
- 96. Goldberg, Lewis R. 1992. "The Development of Markers for the Big-Five Factor Structure." *Psychological Assessment* 4 (1): 26.
- 97. Goodyear, Rodney K., Dominic J. Brewer, Karen Symms Gallagher, Terence J. G. Tracey, Charles D. Claiborn, James W. Lichtenberg, and Bruce E. Wampold. 2009. "The Intellectual Foundations of Education: Core Journals and Their Impacts on Scholarship and Practice." *Educational Researcher* 38 (9): 700–706. https://doi.org/10.3102/0013189X09354778.
- 98. Gordon Commission. 2013a. "Gordon Commission Public Policy Statement." Gordon Commission.
- 99. ——. 2013b. "Gordon Commission Technical Report." Gordon Commission.
- 100. Grant, Sean, Laura Hamilton, Stephani Wrabel, Celia Gomez, Anamarie Whitaker, Jennifer Leschitz, Fatih Unlu, et al. 2017. Social and Emotional Learning Interventions Under the Every Student Succeeds Act: Evidence Review. Santa Monica, CA: RAND Corporation. https://doi.org/10.7249/RR2133.
- 101. Gregory, Anne, and Edward Fergus. 2017. "Social and Emotional Learning and Equity in School Discipline." *The Future of Children*, 117–136.
- 102. Gruenert, Steve. 2008. "School Culture, School Climate: They Are Not the Same Thing." Washington, DC: National Association of Elementary School Principals.
- 103. Gutman, Leslie Morrison, and Ingrid Schoon. 2013. "The Impact of Non-Cognitive Skills on Outcomes for Young People." London, United Kingdom: Education Endowment Foundation.
- 104. Hamilton, Jonathan, Paul Spies, Jennifer Godinez, and Carlos Mariani. 2016. "2016 State of Students of Color and American Indian Students Report." Saint Paul, MN: Minnesota Education Equity Partnership.
- 105. Hattie, John. 2008. *Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement*. 1 edition. London; New York: Routledge.
- 106. Heckman, James J., and Tim Kautz. 2012. "Hard Evidence on Soft Skills." *Labour Economics* 19 (4): 451–464.



- 107. Heckman, James J., and Yona Rubinstein. 2001. "The Importance of Noncognitive Skills: Lessons from the GED Testing Program." *American Economic Review* 91 (2): 145–149.
- 108. Heckman, James J., Jora Stixrud, and Sergio Urzua. 2006. "The Effects of Cognitive and Noncognitive Abilities on Labor Market Outcomes and Social Behavior." *Journal of Labor Economics* 24 (3): 411–482.
- 109. Heistad, David. 2016. "Predictive Validity of Measures of Academic Progress (MAP) vs. Minnesota Comprehensive Assessments (MCAII)." Bloomington Public Schools.
- Henly, George A. 2014. "Using MCA Scores to Predict College and Career Readiness." presented at the Minnesota Assessment Conference 2014, Saint Paul, MN.
- 111. Hewlett Foundation. 2013. "Deeper Learning Competencies Defined." Hewlett Foundation.
- 112. Hilliard, Patricia. 2015. "Performance-Based Assessment: Reviewing the Basics." Edutopia. December 7, 2015. https://www.edutopia.org/blog/performance-based-assessment-reviewing-basics-patricia-hilliard.
- 113. Hochman, Dalia. 2016. "Measures That Matter Most: How Do Next Generation Educators Measure Success?" Boston, MA: Next Generation Learning Challenges.
- 114. Hofman, Peter, Bryan Goodwin, and Stuart Kahl. 2015. "Re-Balancing Assessment: Placing Formative and Performance Assessment at the Heart of Learning and Accountability." Denver, CO: McREL International.
- 115. Holley, Marc, and Matthew Carr. 2015. "Measuring Charter School Quality: Moving Beyond Standardized Test Scores." presented at the NAPCS National Conference, New Orleans, LA, June.
- 116. Hoy, Wayne K. 1990. "Organizational Climate and Culture: A Conceptual Analysis of the School Workplace." *Journal of Educational and Psychological Consultation* 1 (2): 149–68. https://doi.org/10.1207/s1532768xjepc0102 4.
- 117. Huh, NooRee, and Chi-Yu Huang. 2016. "Examining the Validity of ACT Composite Score and High School Grade Point Average for Predicting First-Year College GPA of Special-Tested Students." Iowa City, IA: ACT.
- 118. IDC. 2016. "Keys to the Future: Align Workforce Readiness Skills to Ensure Student Success." IDC.



- 119. Immordino-Yang, Mary Helen, Linda Darling-Hammond, and Christina Krone. 2018.
 "The Brain Basis for Integrated Social, Emotional, and Academic Development."
 Washington, DC: Aspen Institute.
- 120. Innovation Lab Network. 2013. "Knowledge, Skills, and Dispositions: The Innovation Lab Network State Framework for College, Career, and Citizenship Readiness, and Implications for State Policy." Washington, DC: Council of Chief State School Officers.
- 121. Jagers, Rob, Pamela Randall-Garner, and Karen Van Ausdal. 2018. "Leveraging SEL to Promote Equity: What Educators Need to Know and Do." presented at the CASEL, Chicago, IL, February 5.
- 122. Jones, Damon E., Mark Greenberg, and Max Crowley. 2015. "Early Social-Emotional Functioning and Public Health: The Relationship between Kindergarten Social Competence and Future Wellness." *American Journal of Public Health* 105 (11): 2283–2290.
- 123. Jones, Stephanie M., and Jennifer Kahn. 2017. "The Evidence Base for How We Learn: Supporting Students' Social, Emotional, and Academic Development." Washington, DC: Aspen Institute.
- 124. Kaput, Krista. 2018. "Evidence for Student-Centered Learning." Saint Paul, MN: Education Evolving.
- 125. Kim, Kyung Hee. 2008. "Meta-Analyses of the Relationship of Creative Achievement to Both IQ and Divergent Thinking Test Scores." *The Journal of Creative Behavior* 42 (2): 106–30. https://doi.org/10.1002/j.2162-6057.2008.tb01290.x.
- 126. Klugman, Joshua, Molly F Gordon, Penny Bender Sebring, and Susan E Sporte. 2015. "A First Look at the 5Essentials in Illinois Schools." University of Chicago.
- 127. Knowledge Works. 2016. "The Every Student Succeeds Act (ESSA): 15 Assessment Designs for the Innovative." Cincinnati, OH: Knowledge Works.
- 128. Kohlberg, Lawrence. 1981. *The Philosophy of Moral Development: Moral Stages and the Idea of Justice*. Vol. 1. San Francisco, CA: Harper & Row.
- 129. Kohn, Alfie. 1997. "How Not to Teach Values: A Critical Look at Character Education." *Phi Delta Kappan* 78 (6): 429–439.
- 130. Koretz, Daniel M. 2008. *Measuring Up*. Cambridge, MA: Harvard University Press.
- 131. Kuhn, Deanna. 1999. "A Developmental Model of Critical Thinking." *Educational Researcher* 28 (2): 16–46.



- 132. Kulik, Chen-Lin C., James A. Kulik, and Robert L. Bangert-Drowns. 1990. "Effectiveness of Mastery Learning Programs: A Meta-Analysis." *Review of Educational Research* 60 (2): 265–99. https://doi.org/10.3102/00346543060002265.
- 133. Kuncel, Nathan R., and Sarah A. Hezlett. 2007. "Standardized Tests Predict Graduate Students' Success." *Science*.
- 134. ——. 2010. "Fact and Fiction in Cognitive Ability Testing for Admissions and Hiring Decisions." *Current Directions in Psychological Science* 19 (6): 339–345.
- 135. Lam, Ricky. 2017. "Taking Stock of Portfolio Assessment Scholarship: From Research to Practice." *Assessing Writing* 31: 84–97.
- 136. Lench, S, E Fukada, and Ross Anderson. 2015. "Essential Skills and Dispositions: Developmental Frameworks for Collaboration, Communication, Creativity, and Self-Direction." Lexington, KY: National Center for Innovation in Education.
- 137. Lesnick, Joy, Robert Goerge, Cheryl Smithgall, and Julia Gwynne. 2010. "Reading on Grade Level in Third Grade: How Is It Related to High School Performance and College Enrollment." Chicago, IL: University of Chicago.
- 138. Levy, Frank, and Richard J. Murnane. 2005. *The New Division of Labor: How Computers Are Creating the next Job Market*. Princeton University Press.
- 139. Lindqvist, Erik, and Roine Vestman. 2011. "The Labor Market Returns to Cognitive and Noncognitive Ability: Evidence from the Swedish Enlistment." *American Economic Journal: Applied Economics* 3 (1): 101–28.
- 140. Lippman, Laura, Renee Ryberg, Rachel Carney, and Kristin A. Moore. 2015. "Key Soft Skills That Foster Youth Workforce Success: Toward a Consensus Across Fields." Bethesda, MD: Child Trends.
- 141. Loukas, Alexandra. 2007. "What Is School Climate?" *Leadership Compass*, Fall 2007.
- 142. Loveless, Tom. 2015. "How Well Are American Students Learning?" Volume 3, Number 4. Brown Center Reports on American Education. Washington, DC: Brookings Institution.
- 143. Lozenski, Brian D. 2017. "Beyond Mediocrity: The Dialectics of Crisis in the Continuing Miseducation of Black Youth." *Harvard Educational Review* 87 (2): 161–85. https://doi.org/10.17763/1943-5045-87.2.161.
- 144. Ma, Hsen-Hsing. 2009. "The Effect Size of Variables Associated With Creativity: A Meta-Analysis." *Creativity Research Journal* 21 (1): 30–42. https://doi.org/10.1080/10400410802633400.



- 145. MacNeil, Angus J., Doris L. Prater, and Steve Busch. 2009. "The Effects of School Culture and Climate on Student Achievement." *International Journal of Leadership in Education* 12 (1): 73–84. https://doi.org/10.1080/13603120701576241.
- 146. Marks, Helen M. 2000. "Student Engagement in Instructional Activity: Patterns in the Elementary, Middle, and High School Years." *American Educational Research Journal* 37 (1): 153–184.
- 147. McGaw, Barry. 2009. "Transforming Education: Assessing and Teaching 21st Century Skills." Melbourne, Australia: University of Melbourne.
- 148. McKown, Clark, Nicole M. Russo-Ponsaran, Jason K. Johnson, Jaclyn Russo, and Adelaide Allen. 2016. "Web-Based Assessment of Children's Social-Emotional Comprehension." *Journal of Psychoeducational Assessment* 34 (4): 322–38. https://doi.org/10.1177/0734282915604564.
- 149. McQuiggan, Meghan, and Mahi Megra. 2017. "Parent and Family Involvement in Education: Results from the National Household Education Surveys Program of 2016." Washington, DC: National Center for Education Statistics.
- 150. MDE (Minnesota Department of Education). 2015. "Interpretive Guide for Minnesota Assessment Reports 2015-2016."
- 151. ——. 2016. "Snapshots on Minnesota Youth: 2016 Minnesota Student Survey Whole Child Report." MDE (Minnesota Department of Education).
- 152. ——. 2017. "MDE Social Emotional Learning Competencies."
- 153. Messick, Samuel. 1979. "Potential Uses of Noncognitive Measurement in Education." *Journal of Educational Psychology* 71 (3): 281.
- 154. Mindset Scholars Network. n.d. "Making Science Relevant Raises Engagement and Grades among Students at Risk for Low Achievement." Stanford, CA: Mindset Scholars Network.
- 155. Minnesota Comeback, Graves Foundation, McKnight Foundation, and Minneapolis Foundation. 2018. "Recognizing and Amplifying Family Power in Minneapolis-St. Paul." Minneapolis, MN: Minnesota Comeback.
- 156. Mislevy, Robert J., Mark R. Wilson, Kadriye Ercikan, and Naomi Chudowsky. 2003. "Psychometric Principles in Student Assessment." In *International Handbook of Educational Evaluation*, 489–531. Springer.
- 157. MN Department of Education. 2018. "College and Career Readiness Resource Guide." Roseville, MN: MN Department of Education.



- 158. MN Office of the Legislative Auditor. 2017. "Standardized Student Testing." Saint Paul, MN: MN Office of the Legislative Auditor.
- 159. Morrison, Tom, Bob Maciejewski, Craig Giffi, Emily Stover DeRocco, Jennifer McNelly, and Gardner Carrick. 2011. "Boiling Point? The Skills Gap in US Manufacturing." Deloitte and The Manufacturing Institute.
- 160. Murano, Dana, Jason Way, Cristina Anguiano-Carrasco, Kate Walton, and Jeremy Burrus. 2018. "On the Use of the Big Five Model as a SEL Assessment Framework." *Measuring SEL* (blog). August 29, 2018. https://measuringsel.casel.org/use-big-five-model-sel-assessment-framework/.
- 161. Nagaoka, Jenny, Camille A Farrington, Stacy B Ehrlich, and Ryan D Heath. 2015. "Foundations for Young Adult Success: A Developmental Framework." Chicago, IL: University of Chicago.
- 162. Nathan, Joe, and Nicola Johnson. 2000. "What Should We Do? A Practical Guide to Assessment and Accountability in Schools." Saint Paul, MN: Center for School Change.
- 163. National Academies of Science, Engineering, and Medicine. 2017. Supporting Students' College Success: The Role of Assessment of Intrapersonal and Interpersonal Competencies. Edited by Joan Herman and Margaret Hilton. Washington, DC: National Academies Press.
- 164. National Association of Colleges and Employers. 2014. "NACE Jobs Outlook 2015." Bethlehem, PA: National Association of Colleges and Employers.
- 165. ——. 2017. "NACE Jobs Outlook 2018." Bethlehem, PA: National Association of Colleges and Employers.
- 166. National Association of Elementary School Principals. 2011. "Using Student Achievement Data to Support Instructional Decision Making." Washington, DC: National Association of Elementary School Principals.
- 167. National Center for Community Schools. 2016. "Community School Climate Self-Assessment Tool." National Center for Community Schools.
- 168. National Council for Excellence in Critical Thinking. 1987. "Defining Critical Thinking." 1987. http://www.criticalthinking.org/pages/defining-critical-thinking/766.
- 169. National Network of Business and Industry Associations. 2015. "A Foundation for Success in the Workplace: The Skills All Employees Need, No Matter Where They Work." Washington, DC: National Network of Business and Industry Associations. http://nationalnetwork.org/wp-content/uploads/2015/05/Common_Employability_Skills-03-30-152.pdf.



- 170. National Research Council. 2012. *Education for Life and Work: Developing Transferable Knowledge and Skills in the 21st Century*. Washington, DC: National Academies Press.
- 171. Osborne, David. 2016. "Creating Measurement and Accountability Systems for 21st Century Schools: A Guide for State Policymakers." Washington, DC: Progressive Policy Institute.
- 172. Osterman, Karen F. 2000. "Students' Need for Belonging in the School Community." *Review of Educational Research* 70 (3): 323–367.
- 173. Panorama Education. 2015. "Panorama Family-School Relationship Survey."
- 174. Patrick, Susan, Kathryn Kennedy, and Allison Powell. 2013. "Mean What You Say: Defining and Integrating Personalized, Blended and Competency Education." Washington, DC: International Association for K-12 Online Learning.
- 175. Paunesku, David, Gregory M. Walton, Carissa Romero, Eric N. Smith, David S. Yeager, and Carol S. Dweck. 2015. "Mind-Set Interventions Are a Scalable Treatment for Academic Underachievement." *Psychological Science* 26 (6): 784–793.
- 176. Pearson. 2014. "The Learning Curve: Education and Skills for Life." Pearson.
- 177. Perie, Marianne, Scott Marion, Brian Gong, and Judy Wurtzel. 2007. "The Role of Interim Assessments in a Comprehensive Assessment System." Washington, DC: The Aspen Institute.
- 178. Phi Delta Kappan. 2015. "The 47th Annual PDK Poll of the Public's Attitudes Toward the Public Schools: Testing Doesn't Measure Up for Americans." Arlington, VA: Phi Delta Kappan.
- 179. ——. 2016. "The 48th Annual PDK Poll of the Public's Attitudes toward the Public Schools." Arlington, VA: Phi Delta Kappan.
- 180. ——. 2017. "The 49th Annual PDK Poll of the Public's Attitudes Toward the Public Schools: Academic Achievement Isn't the Only Mission." Arlington, VA: Phi Delta Kappan. http://journals.sagepub.com/doi/10.1177/0031721717728274.
- 181. Priest, Nora, Antonia Rudenstine, and Ephraim Weisstein. 2012. "A Close-Up View of Competency Education." Nellie Mae Education Foundat.
- 182. Prince, Katherine, Andrea Saveri, and Jason Swanson. 2017. "The Future of Learning: Redefining Readiness from the Inside Out." Cincinnati, OH: Knowledge Works.
- 183. Quartz, Karen Hunter, Jarod Kawasaki, Daniel Sotelo, and Kimberly Merino. 2014. "Supporting Assessment Autonomy: How One Small School Articulated the



- Infrastructure Needed to Own and Use Student Data." *Journal of Educational Change* 15 (2): 125–52. https://doi.org/10.1007/s10833-013-9219-4.
- 184. Quattrocchi, Christina. 2014. "How Lindsay Unified Redesigned Itself From the Ground Up." *EdSurge* (blog). June 17, 2014. https://www.edsurge.com/news/2014-06-17-how-lindsay-unified-redesigned-itself-from-thee-ground-up.
- 185. Raudenbush, Stephen W. 2004. "Schooling, Statistics, and Poverty: Can We Measure School Improvement?." Educational Testing Service.
- 186. Reigeluth, Charles, and Kristen Vogt. 2018. "How Next Generation Schools Define Success." Boston, MA: Next Generation Learning Challenges.
- 187. Roberts, Brent W., and Wendy F. DelVecchio. 2000. "The Rank-Order Consistency of Personality Traits from Childhood to Old Age: A Quantitative Review of Longitudinal Studies." *Psychological Bulletin* 126 (1): 3.
- 188. Rose, Todd. 2017. *The End of Average: Unlocking Our Potential by Embracing What Makes Us Different*. Reprint edition. HarperOne.
- 189. Rosen, Jeffrey A., Elizabeth J. Glennie, Ben W. Dalton, Jean M. Lennon, and Robert N. Bozick. 2010. "Noncognitive Skills in the Classroom: New Perspectives on Educational Research." Research Triangle Park, NC: RTI Press.
- 190. Ryan, Richard M., and Edward L. Deci. 2000. "Self-Determination Theory and the Facilitation of Intrinsic Motivation, Social Development, and Well-Being." *American Psychologist* 55 (1): 68.
- 191. Sarooghi, Hessamoddin, Dirk Libaers, and Andrew Burkemper. 2015. "Examining the Relationship between Creativity and Innovation: A Meta-Analysis of Organizational, Cultural, and Environmental Factors." *Journal of Business Venturing* 30 (5): 714–31. https://doi.org/10.1016/j.jbusvent.2014.12.003.
- 192. Scales, Peter C., Peter L. Benson, Sabrina Oesterle, Karl G. Hill, J. David Hawkins, and Travis J. Pashak. 2016. "The Dimensions of Successful Young Adult Development: A Conceptual and Measurement Framework." *Applied Developmental Science* 20 (3): 150–174.
- 193. Scales, Peter C., and Nancy Leffert. 2004. *Developmental Assets: A Synthesis of the Scientific Research on Adolescent Development*. 2nd ed. Minneapolis, MN: Search Institute.
- 194. Scales, Peter C., Eugene C. Roehlkepartain, and Maura Shramko. 2017. "Aligning Youth Development Theory, Measurement, and Practice across Cultures and Contexts:



- Lessons from Use of the Developmental Assets Profile." *Child Indicators Research* 10 (4): 1145–1178.
- 195. Scarupa, Harriet J. 2014. "Measuring Elementary School Students' Social and Emotional Skills." Child Trends.
- 196. Schmidt, Frank L., and John Hunter. 2004. "General Mental Ability in the World of Work: Occupational Attainment and Job Performance." *Journal of Personality and Social Psychology* 86 (1): 162.
- 197. Schneider, Carri, and Tom Vander Ark. 2014. "Assessing Deeper Learning: A Survey of Performance Assessment and Mastery-Tracking Tools." Seattle, WA: Getting Smart.
- 198. Schneider, Jack. 2017. Beyond Test Scores: A Better Way to Measure School Quality. Cambridge, MA: Harvard University Press.
- 199. Shapiro, Steven. 2014. "Reimagining Standardized Testing: How a Hybrid Assessment System Can Benefit Students, Teachers, and Administrators." Washington, DC: American Enterprise Institute.
- 200. Shepard, L. A., W. R. Penuel, and J. W. Pellegrino. 2018. "Using Learning and Motivation Theories to Coherently Link Formative Assessment, Grading Practices, and Large-Scale Assessment." *Educational Measurement: Issues and Practice* 37 (1): 21–34. https://doi.org/10.1111/emip.12189.
- 201. Shirley, Adam. 2016. "Five Charts That Explain the Future of Education." World Economic Forum. May 18, 2016. https://www.weforum.org/agenda/2016/05/5-charts-that-explain-the-future-of-education/.
- 202. Shonkoff, Jack P., Andrew S. Garner, Committee on Psychosocial Aspects of Child, Family Health, Committee on Early Childhood, and Dependent Care. 2011. "The Lifelong Effects of Early Childhood Adversity and Toxic Stress." *Pediatrics*, peds–2011.
- 203. Shujaa, Mwalimu J., ed. 1994. *Too Much Schooling, Too Little Education: A Paradox of Black Life in White Societies*. Trenton, N.J. Africa World Pr.
- 204. Smarter Balanced. 2012. "Smarter Balanced Assessment Consortium: Performance Task Specifications." Smarter Balanced.
- 205. Soland, Jim, Laura Hamilton, and Brian Stecher. 2013. "Measuring 21st Century Competencies: Guidance for Educators." San Francisco, CA: Asia Society.
- 206. Stafford-Brizard, K. Brooke. 2016. "Building Blocks for Learning: A Framework for Comprehensive Student Development." New York, NY: Turnaround for Children.



- 207. Stecher, Brian M., and Laura S. Hamilton. 2014. "Measuring Hard-to-Measure Student Competencies: A Research and Development Plan." Santa Monica, CA: Rand Corporation.
- 208. Summit Public Schools. 2017. "Science of Summit." San Francisco, CA: Summit Public Schools.
- 209. Superville, Denisa R. 2015. "Students Take Too Many Redundant Tests, Study Finds Education Week." *Education Week*, October 28, 2015. https://www.edweek.org/ew/articles/2015/10/28/students-take-too-many-redundant-tests-study.html.
- 210. Svetlana, Darche. 2012. "College and Career Readiness: What Do We Mean?" Berkeley, CA: ConnectEd: The California Center for College and Career.
- 211. Tatum, Beverly Daniel. 1992. "Talking About Race, Learning About Racism: The Application of Racial Identity Development Theory in the Classroom." *Harvard Educational Review* 62 (1): 1–25.
- 212. ——. 2017. Why Are All the Black Kids Sitting Together in the Cafeteria? And Other Conversations About Race. New York, NY: Basic Books.
- 213. Thacker, Arthur A, and Brittany F Crawford. 2017. "Recommendations for College-Readiness Benchmarks for Minnesota State Colleges and Universities." HumRRO.
- 214. Thapa, Amrit, Jonathan Cohen, Shawn Guffey, and Ann Higgins-D'Alessandro.
 2013. "A Review of School Climate Research." *Review of Educational Research* 83 (3): 357–85. https://doi.org/10.3102/0034654313483907.
- 215. Thorndike, Robert M., and Tracy M. Thorndike-Christ. 2010. *Measurement and Evaluation in Psychology and Education*. Boston, MA: Pearson Education.
- 216. TNTP. 2012. "Greenhouse Schools: How Schools Can Build Cultures Where Teachers and Students Thrive." TNTP.
- 217. ——. 2018. "The Opportunity Myth." TNTP.
- 218. Tooley, Melissa, and Laura Bornfreund. 2014. "Skills for Success: Supporting and Assessing Key Habits, Mindsets, and Skills in PreK-12." Washington, DC: New America.
- 219. Tucker, Bill. 2009. "Beyond the Bubble: Technology and the Future of Student Assessment." Washington, DC: Education Sector.
- 220. UCLA Center X. 2014. "Using Data to Learn: From Multiple Measures to Systems of Support." Los Angeles, CA: UCLA Center X.



- 221. Unted Nations. 2018. "UN Education Sustainable Development Goal." Unted Nations. https://www.ssrn.com/abstract=3194361.
- 222. USDE. 2018. "USDE Employability Skills One-Pager." USDE.
- 223. Van Houtte, Mieke. 2005. "Climate or Culture? A Plea for Conceptual Clarity in School Effectiveness Research." *School Effectiveness and School Improvement* 16 (1): 71–89.
- 224. Vander Ark, Tom. 2018. "New NWEA Chief Chris Minnich on the Future of Assessment." Getting Smart (blog). May 24, 2018. http://www.gettingsmart.com/2018/05/new-nwea-chief-chris-minnich-on-the-future-of-asses-essment/.
- 225. Voight, Adam, Gregory Austin, and Thomas Hanson. 2013. "A Climate for Academic Success: How School Climate Distinguishes Schools That Are Beating the Achievement Odds." San Francisco, CA: WestEd.
- 226. Wagner, Christopher R. 2006. "The School Leader's Tool for Assessing and Improving School Culture." *Principal Leadership* 7 (4): 4.
- 227. Walton, Gregory M., and Geoffrey L. Cohen. 2011. "A Brief Social-Belonging Intervention Improves Academic and Health Outcomes of Minority Students." *Science* 331 (6023): 1447–1451.
- 228. West, Martin R. 2016. "Should Non-Cognitive Skills Be Included in School Accountability Systems? Preliminary Evidence from California's CORE Districts." Vol 1, #13. Evidence Speaks Reports. Washington, DC: Brookings Institution.
- 229. West, Martin R., Katie Buckley, Sara Bartolino Krachman, and Noah Bookman. 2018. "Development and Implementation of Student Social-Emotional Surveys in the CORE Districts." *Journal of Applied Developmental Psychology* 55 (March): 119–29. https://doi.org/10.1016/j.appdev.2017.06.001.
- 230. West, Martin R., Matthew A. Kraft, Amy S. Finn, Rebecca E. Martin, Angela L. Duckworth, Christopher FO Gabrieli, and John DE Gabrieli. 2016. "Promise and Paradox: Measuring Students' Non-Cognitive Skills and the Impact of Schooling." *Educational Evaluation and Policy Analysis* 38 (1): 148–170.
- 231. West, Martin R., Libby Pier, Hans Fricke, Heather Hough, Susanna Loeb, Robert Meyer, and Andrew Rice. 2018. "Trends in Student Social-Emotional Learning: Evidence From the CORE Districts." Stanford, CA: CORE-PACE Research Partnership.
- 232. Whitehead, Alfred North. 1929. "Whitehead: The Aims of Education." New York, NY.



- 233. Wilson, Julie. 2015. "Assessing the Learning That Matters Most." Institute for the Future of Learning.
- 234. Wilson-Ahlstrom, Alicia, Nicole Yohalem, David DuBois, Peter Ji, and Barbara Hillaker. 2014. "From Soft Skills to Hard Data: Measuring Youth Program Outcomes." Washington, DC: Forum for Youth Investment.
- 235. Woodworth, Robert S., and E. L. Thorndike. 1901. "The Influence of Improvement in One Mental Function upon the Efficiency of Other Functions.(I)." *Psychological Review* 8 (3): 247.
- 236. XQ Super Schools. 2017a. "Teaching & Learning: What's Essential for Effective Learning Today?" San Francisco, CA: XQ Super Schools.
- 237. ——. 2017b. "XQ Learning Outcome Areas." XQ Super Schools.
- 238. Yuan, Kun, and Vi-Nhuan Le. 2014. "Measuring Deeper Learning through Cognitively Demanding Test Items: Results from the Analysis of Six National and International Exams. Research Report." Rand Corporation.
- 239. Zeiser, Kristina L, James Taylor, Jordan Rickles, Michael S Garet, and Michael Segeritz. 2014. "Evidence of Deeper Learning Outcomes." Washington, DC: American Institutes for Research.