

Hypothesized construct and key ideas	References	Year and survey used
<p>School Connectedness</p> <p><i>Proud, positive contributions, be true self</i></p>	<p>Centers for Disease Control and Prevention (2009). School Connectedness: Strategies for Increasing Protective Factors Among Youth. Atlanta, GA: U.S. Department of Health and Human Services.</p> <p>Yonezawa, S., Jones, M., Joselowksy, F., & Academy for Educational, D. (2009). Youth Engagement in High Schools: Developing a Multidimensional, Critical Approach to Improving Engagement for All Students. Academy For Educational Development.</p>	<p>SCS 2021-22</p>
<p>School Processes and Practices</p> <p><i>Rules and expectations</i></p>	<p>Banks, J. (1995). Multicultural Education and Curriculum Transformation. <i>The Journal of Negro Education</i>, 64(4), 390-400.</p> <p>Gregory A, Skiba RJ, Mediratta K. Eliminating Disparities in School Discipline: A Framework for Intervention. <i>Review of Research in Education</i>. 2017;41(1):253-278. doi:10.3102/0091732X17690499</p> <p>Thapa, A., Cohen, J., Guffey, S., & Higgins-D’Alessandro, A. (2013). A Review of School Climate Research. <i>Review of Educational Research</i>, 83(3): https://doi.org/10.3102/0034654313483907</p>	<p>SCS 2021-22</p>
<p>The Learning Environment</p> <p><i>Collaboration, feedback, application, active learning</i></p>	<p>Coomer, M. N., Skelton, S. M., Kyser, T. S., Thorius, K. A. K., & Warren, C. (2019). Culturally responsive curriculum scorecard.</p> <p>Education Justice Research and Organizing Collaborative (EJ-ROC) at the NYU Metropolitan Center for Research on Equity and the Transformation of Schools, 2020. Culturally Responsive Curriculum Scorecards. Retrieved from: https://steinhardt.nyu.edu/metrocenter/ejroc/culturally-responsive-curriculum-scorecards</p> <p>Ladson-Billings, G. (1995). Toward a theory of culturally relevant pedagogy. <i>American Educational Research Journal</i>, 32, 465–491.</p> <p>Muller, P. & Hiller, S. (2020). Potential Impacts of the New Tech Network (NTN) Middle Grades Education Experience on Student Non-Academic Outcomes. Internal report. Center for Evaluation, Policy, & Research.</p> <p>Paris, D. (2012). Culturally Sustaining Pedagogy: A Needed Change in Stance, Terminology, and Practice. <i>Educational Researcher</i>, 41(3), 93–97</p>	<p>SCS 2021-22</p>



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<p>Interactions with Students and Teachers at School</p> <p><i>Respected (student, family, and community), welcomed, get along, teachers care</i></p>	<p>Blum, R. (2005). School Connectedness: Improving the Lives of Students. Johns Hopkins Bloomberg School of Public Health: Baltimore, Maryland.</p> <p>Gregory, A., & Cornell, D. (2009). "Tolerating" adolescent needs: Moving beyond zero tolerance policies in high school. <i>Theory Into Practice</i>, 48, 106–113.</p> <p>Hammond, Z. (2015). <i>Culturally Responsive Teaching & The Brain: Promoting Authentic Engagement and Rigor Among Culturally and Linguistically Diverse Students</i>. Thousand Oaks, CA: Corwin.</p> <p>Jia, Y., Way, N., Ling, G., Yoshikawa, H., Chen, X., Hughes, D., & Lu, Z. (2009). The influence of student perceptions of school climate on socio-emotional and academic adjustment: A comparison of Chinese and American adolescents. <i>Child Development</i>, 80, 1514–1530</p> <p>Ladson-Billings, G. (1995). Toward a theory of culturally relevant pedagogy. <i>American Educational Research Journal</i>, 32, 465–491.</p> <p>Paris, D. (2012). Culturally Sustaining Pedagogy: A Needed Change in Stance, Terminology, and Practice. <i>Educational Researcher</i>, 41(3), 93–97. https://doi.org/10.3102/0013189X12441244</p> <p>Power, F. C., Higgins, A., & Kohlberg, L. (1989). Lawrence Kohlberg's approach to moral education. New York, NY: Columbia University Press.</p> <p>Thapa, A., Cohen, J., Guffey, S., & Higgins-D'Alessandro, A. (2013). A Review of School Climate Research. <i>Review of Educational Research</i>, 83(3)</p> <p>Vasquez, J. A. (1988) Contexts of Learning for Minority Students, <i>The Educational Forum</i>, 52:3, 243-253, DOI: 10.1080/00131728809335490</p> <p>Wang, M. T., Selman, R. L., Dishion, T. J., & Stormshak, E. A. (2010). A Tobit regression analysis of the covariation between middle school students' perceived school climate and behavioral problems. <i>Journal of Research on Adolescence</i>, 20, 274–286.</p> <p>Ware, Franita. (2006). Warm Demander Pedagogy. <i>Urban Education</i> (Beverly Hills, Calif.), 41(4), 427-456.</p>	<p>SCS 2021-22</p>



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<p>Learning Through PBL</p> <p><i>Real problems, data, choice, relevance, community</i></p>	<p>Chu, S. K. W., Tse, S. K., & Chow, K. (2011). Using collaborative teaching and inquiry project-based learning to help primary school students develop information literacy and information skills. <i>Library & Information Science Research</i>, 33(2), 132-143.</p> <p>Duke, N. K., Halvorsen, A. L., & Strachan, S. L. (2016). Project-based learning not just for STEM anymore. <i>Phi Delta Kappa</i></p> <p>Hinnant-Crawford, B., Virtue, E., & Bergeron, L. (2019, April). Equity Pedagogy and Project-based Learning as Instructional Weapons in a Post-Truth Era. Paper presentation at the annual conference of the American Educational Research Association, Toronto, Canada.n, 98(1), 14-19.</p>	<p>SCS 2021-22</p>
<p>College and Career Readiness</p> <p><i>Goals, positive self-concept, choice, prepared, eligible, aware</i></p>	<p>Barnett, E. A., Corrin, W., Nakanishi, A., Bork, R. H., Mitchell, C., & Sepanik, S. (2012). Preparing High School Students for College: An Exploratory Study of College Readiness Partnership Programs in Texas. NCPR Brief. National Center for Postsecondary Research.</p> <p>Conley, DT. 2007. Redefining college readiness. Vol 5. Eugene, Oregon, USA. Educational Policy Improvement Center.</p> <p>Convertino, C., & Graboski-Bauer, A. (2018). College readiness versus college worthiness: Examining the role of principal beliefs on college readiness initiatives in an urban US high school. <i>The Urban Review</i>, 50(1), 45-68.</p> <p>McGee Banks, C.A. & Banks, J.A. (1995). Equity pedagogy: An essential component of multicultural education. <i>Theory into practice</i>, 34(3), 152-158.</p> <p>Perez, W.Y., Knox, J. & Harris-Wilkerson, E. (2021). Expanding the Equity Conversation for Pathways to College: A Literature Review of College Access and College</p> <p>Readiness Research 2014-2021. Metropolitan Center for Research on Equity and the Transformation of Schools.</p> <p>Weiler, J. R., & Hinnant-Crawford, B. (2021). School Leadership Team Competence for Implementing Equity Systems Change: An Exploratory Study. <i>The Urban Review</i>, 1-19.</p>	<p>SCS 2021-22</p>



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<p>Learning Experiences</p> <p><i>Individual needs, cultural understanding, materials reflect positive contributions from diverse people, greatness, criticality</i></p>	<p>Carter, D.J. (2008). Cultivating a critical race consciousness for African-American school success. <i>Educational Foundations</i>, 22 (1-2), 11-28.</p> <p>Education Justice Research and Organizing Collaborative (EJ-ROC) at the NYU Metropolitan Center for Research on Equity and the Transformation of Schools, 2020. Culturally Responsive Curriculum Scorecards. Retrieved from: https://steinhardt.nyu.edu/metrocenter/ejroc/culturally-responsive-curriculum-scorecards</p> <p>Freire, P. (1970). <i>Pedagogy of the oppressed</i>. New York, NY: Herder & Herder.</p> <p>Ladson-Billings, G. (1995). Toward a theory of culturally relevant pedagogy. <i>American Educational Research Journal</i>, 32, 465–491.</p> <p>Ladson-Billings, G. (2009). <i>The dreamkeepers: Successful teachers of African American children</i> (2nd ed.). San Francisco: Jossey-Bass.</p> <p>Muhammad, G. (2020). <i>Cultivating genius: An equity framework for culturally and historically responsive literacy</i>. New York, NY: Scholastic.</p> <p>Paris, D. (2012). Culturally Sustaining Pedagogy: A Needed Change in Stance, Terminology, and Practice. <i>Educational Researcher</i>, 41(3), 93–97. https://doi.org/10.3102/0013189X12441244</p>	<p>SCS 2021-22</p>
<p>Demographics</p>	<p>Johns, M. M., Lowry, R., Andrzejewski, J., Barrios, L. C., Demissie, Z., McManus, T., ... & Underwood, J. M. (2019). Transgender identity and experiences of violence victimization, substance use, suicide risk, and sexual risk behaviors among high school students—19 states and large urban school districts, 2017. <i>Morbidity and Mortality Weekly Report</i>, 68(3), 67.</p> <p>Skrla, L., Scheurich, J. J., Garcia, J., & Nolly, G. (2004). Equity audits: A practical leadership tool for developing equitable and excellent schools. <i>Educational Administration Quarterly</i>, 40(1), 133-161.</p>	<p>SCS 2021-22</p>
<p>Leadership and Leading</p> <p><i>Professional growth, valued, leadership follows through</i></p>	<p>Kochanek, J. (2005). <i>Building Trust for Better Schools: Research-Based Practices</i>. Thousand Oaks, CA: Corwin.</p> <p>Tschannen-Moran, M. & Gareis, C. (2015). Faculty trust in the principal: an essential ingredient in high-performing schools, <i>Journal of Educational Administration</i>, 53(1), pp.66-92, https://doi.org/10.1108/JEA-02-2014-0024</p> <p>Weiler, J. R., & Hinnant-Crawford, B. (2021). School Leadership Team Competence for Implementing Equity Systems Change: An Exploratory Study. <i>The Urban Review</i>, 1-19.</p>	<p>ECS 2021-22</p>
<p>Commitment and Satisfaction</p> <p><i>Proud, fulfilled, enjoy work</i></p>	<p>Austin, G., O'Malley, M., & Izu, J. (2011). <i>Making Sense of School Climate: Using the California School Climate, Health, and Learning (Cal-SCHLS) Survey System to Inform Your School Improvement Efforts</i>. Los Alamitos: WestEd.</p>	<p>ECS 2021-22</p>

Culture Surveys

Literature Supports



New Tech Network

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<p>Collaboration and Learning</p> <p><i>Feedback, analyzing data, making learning equitable</i></p>	<p>Edmondson, A. (2011). Psychological Safety, Trust, and Learning in Organizations: A Group-level Lens. <i>Trust and Distrust in Organizations: Dilemmas and Approaches</i>.</p> <p>Hallam, P. R., Smith, H. R., Hite, J. M., Hite, S. J., & Wilcox, B. R. (2015). Trust and collaboration in PLC teams: Teacher relationships, principal support, and collaborative benefits. <i>NASSP bulletin</i>, 99(3), 193-216.</p> <p>Wanless, S. (2016) The Role of Psychological Safety in Human Development, <i>Research in Human Development</i>, 13:1, 6-14, DOI: 10.1080/15427609.2016.1141283</p>	<p>ECS 2021-22</p>
<p>Student and Teacher Interactions</p> <p><i>High expectations, greatness, capable, cultural understanding</i></p>	<p>Hammond, Z. (2015). <i>Culturally Responsive Teaching & The Brain: Promoting Authentic Engagement and Rigor Among Culturally and Linguistically Diverse Students</i>. Thousand Oaks, CA: Corwin.</p> <p>Ladson-Billings, G. (2009). <i>The dreamkeepers: Successful teachers of African American children</i> (2nd ed.). San Francisco: Jossey-Bass.</p> <p>Wanless, S. (2016) The Role of Psychological Safety in Human Development, <i>Research in Human Development</i>, 13:1, 6-14, DOI: 10.1080/15427609.2016.1141283</p>	<p>ECS 2021-22</p>



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<p>Beliefs and Mindsets</p> <p><i>Shared asset-based, equitable learning, examine policy and practice</i></p>	<p>Brackett, M. A., Reyes, M. R., Rivers, S. E., Elbertson, N. A., & Salovey, P. (2011). Classroom emotional climate, teacher affiliation, and student conduct. <i>Journal of Classroom Interaction</i>, 46(1), 27–36. http://eric.ed.gov/?id=EJ948647</p> <p>Donohoo, J., Hattie, J., & Eells, R. (2018). The power of collective efficacy. <i>Educational Leadership</i>, 75(6), 40-44.</p> <p>Eitle, T. M., & Eitle, D. J. (2004). Inequality, segregation, and the overrepresentation of African Americans in school suspensions. <i>Sociological Perspectives</i>, 47(3), 269–287</p> <p>Frattura, E. M., & Capper, C. A. (2007). <i>Leading for social justice: Transforming schools for all learners</i>. Corwin Press.</p> <p>Gregory, A., Cornell, D., & Fan, X. (2011). The relationship of school structure and support to suspension rates for Black and White high school students. <i>American Educational Research Journal</i>, 48(4), 904–934. http://eric.ed.gov/?id=EJ932386</p> <p>Murkuria, G. (2002). Disciplinary challenges: How do principals address this dilemma? <i>Urban Education</i>, 37(3), 432–452. http://eric.ed.gov/?id=EJ660361</p> <p>Muhammad, G. (2020). <i>Cultivating genius: An equity framework for culturally and historically responsive literacy</i>. New York, NY: Scholastic.</p> <p>Ladson-Billings, G. (2009). <i>The dreamkeepers: Successful teachers of African American children</i> (2nd ed.). San Francisco: Jossey-Bass.</p> <p>Weiler, J. R., & Hinnant-Crawford, B. (2021). School Leadership Team Competence for Implementing Equity Systems Change: An Exploratory Study. <i>The Urban Review</i>, 1-19.</p>	<p>ECS 2021-22</p>
<p>Teaching Through PBL</p> <p><i>Real problems, data, choice, relevance, community</i></p>	<p>Chu, S. K. W., Tse, S. K., & Chow, K. (2011). Using collaborative teaching and inquiry project-based learning to help primary school students develop information literacy and information skills. <i>Library & Information Science Research</i>, 33(2), 132-143.</p> <p>Duke, N. K., Halvorsen, A. L., & Strachan, S. L. (2016). Project-based learning not just for STEM anymore. <i>Phi Delta Kappa</i></p> <p>Hinnant-Crawford, B., Virtue, E., & Bergeron, L. (2019, April). Equity Pedagogy and Project-based Learning as Instructional Weapons in a Post-Truth Era. Paper presentation at the annual conference of the American Educational Research Association, Toronto, Canada.n, 98(1), 14-19.</p>	



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<p>Learning Environment <i>Student collaboration, bias in materials, deeper learning</i></p>	<p>Duke, N. K., Halvorsen, A. L., & Strachan, S. L. (2016). Project-based learning not just for STEM anymore. <i>Phi Delta Kappan</i>, 98(1), 14-19.</p> <p>Education Justice Research and Organizing Collaborative (EJ-ROC) at the NYU Metropolitan Center for Research on Equity and the Transformation of Schools, 2020. Culturally Responsive Curriculum Scorecards. Retrieved from: https://steinhardt.nyu.edu/metrocenter/ejroc/culturally-responsive-curriculum-scorecards</p>	<p>ECS 2021-22</p>
<p>College and Career Readiness for Students <i>Each student capable, aware, eligible, prepared, positive self-concept/affirming learning experiences</i></p>	<p>Barnett, E. A., Corrin, W., Nakanishi, A., Bork, R. H., Mitchell, C., & Sepanik, S. (2012). Preparing High School Students for College: An Exploratory Study of College Readiness Partnership Programs in Texas. NCPDR Brief. National Center for Postsecondary Research.</p> <p>Conley, DT. 2007. Redefining college readiness. Vol 5. Eugene, Oregon, USA. Educational Policy Improvement Center.</p> <p>Convertino, C., & Graboski-Bauer, A. (2018). College readiness versus college worthiness: Examining the role of principal beliefs on college readiness initiatives in an urban US high school. <i>The Urban Review</i>, 50(1), 45-68.</p> <p>McGee Banks, C.A. & Banks, J.A. (1995). Equity pedagogy: An essential component of multicultural education. <i>Theory into practice</i>, 34(3), 152-158.</p> <p>Perez, W.Y., Knox, J. & Harris-Wilkerson, E. (2021). Expanding the Equity Conversation for Pathways to College: A Literature Review of College Access and College Readiness Research 2014-2021. Metropolitan Center for Research on Equity and the Transformation of Schools.</p> <p>Weiler, J. R., & Hinnant-Crawford, B. (2021). School Leadership Team Competence for Implementing Equity Systems Change: An Exploratory Study. <i>The Urban Review</i>, 1-19.</p>	<p>ECS 2021-22</p>