

APPENDIX A ADDITIONAL RESOURCES

Additional Examples of Social Justice Mathematics Lessons

- Better World Ed. *I Am Taniya: Creating Confidence*. <https://betterworlded.org/stories/i-am-taniya-creating-confidence>
- Esmonde, I., & Caswell, B. (2010). Teaching mathematics for social justice in multicultural, multilingual elementary classrooms. *Canadian Journal of Science, Mathematics and Technology Education*, 10(3), 244–254. <https://doi.org/10.1080/14926156.2010.504485>
- Felton-Koestler, M. D., Simic-Muller, K., & Menéndez, J. M. (2017). *Reflecting the world: A guide to incorporating equity in mathematics teacher education*. Information Age.
- Gutstein, E., & Peterson, B. (Eds.). (2013). *Rethinking mathematics: Teaching social justice by the numbers* (2nd ed.). Rethinking Schools.
- Guzmán, L. D., & Craig, J. (2019). The world in your pocket: Digital media as invitations for transdisciplinary inquiry in mathematics classrooms. *Occasional Paper Series*, 2019(41), 6. <https://educate.bankstreet.edu/cgi/viewcontent.cgi?article=1274&context=occasional-paper-series>
- Kinser, K. STEM by the Numbers. *Learning for Justice*. <https://www.learningforjustice.org/classroom-resources/lessons/stem-by-the-number>
- Learning for Justice. *Calculating the Poverty Line*. <https://www.learningforjustice.org/classroom-resources/lessons/calculating-the-poverty-line>
- Learning for Justice. *Cultural Relevancy in the Cafeteria*. <https://www.learningforjustice.org/classroom-resources/lessons/cultural-relevancy-in-the-cafeteria>
- Learning for Justice. *What Do Halloween Costumes Say?* <https://www.learningforjustice.org/classroom-resources/lessons/what-do-halloween-costumes-say>
- Ontario Ministry of Education. (n.d.). *Teaching mathematics through a social justice lens*. <https://thelearningexchange.ca/projects/teaching-mathematicsthrough-a-social-justice-lens/>
- Osler, J. (2007). Math and social justice. *RadicalMath*. <http://www.radicalmath.org/math-social-justice>
- Raygoza, M. C. (2016). Striving toward transformational resistance: Youth participatory action research in the mathematics classroom. *Journal of Urban Mathematics Education*, 9(2), 122–152.
- Robertson Program. (2020, January). *Five ways to explore social justice through mathematics*. <https://wordpress.oise.utoronto.ca/roberton/2020/01/13/five-ways-to-explore-social-justice-through-mathematics>
- Stocker, D. (2006). *Maththatmatters: A teacher resource linking math and social justice*. CCPA Education Project Canadian Centre for Policy Alternatives.
- Stocker, D. (2017). *Maththatmatters 2: A teacher resource linking math and social justice*. CCPA Education Project. Canadian Centre for Policy Alternatives.
- Thanheiser, E., & Koestler, C. (2021). If the world were a village: Learning mathematics while learning about the world. *Mathematics Teacher Educator*, 9(3), 202–228. <https://doi.org/10.5951/MTE.2020.0021>
- Turner, B. (2019, January). *Open secrets in first-grade math: Teaching about white supremacy on American currency*. <https://www.learningforjustice.org/maganize/open-secrets-in-firstgrade-math-teaching-about-white-supremacy-on-american-currency>
- Turner, E. E., & Font Strawhun, B. T. (2007). Posing problems that matter: Investigating school overcrowding. *Teaching Children Mathematics*, 13(9), 457–463. <https://doi.org/10.5951/TCM.13.9.0457>

Learn More About Elements of TMSJ

- A Pathway to Equitable Math Instruction. (2020). *Dismantling racism in mathematics instruction: Exercises for educators to reflect on their own biases to transform instructional practice*. https://equitablemath.org/wp-content/uploads/sites/2/2020/11/1_STRIDE1.pdf
- Aguirre, J., Mayfield-Ingram, K., & Martin, D. B. (2013). *The impact of identity in K–8 mathematics: Rethinking equity-based practices*. NCTM
- Benjamin Banneker Association. (2017). *Implementing a social justice curriculum: Practices to support the participation and success of African-American students in mathematics*. http://bbamath.org/wp-content/uploads/2017/11/BBA-Social-Justice-Position-Paper_Final.pdf
- Chval, K., Chavez, O., Pomerence, S., & Reams, K. (2009). *Mathematics for every student: Responding to diversity, Grades PreK–5*. NCTM.
- Drake, C., Aguirre, J. M., Bartell, T. G., Foote, M. Q., Roth McDuffie, A., & Turner, E. E. (2015). *TeachMath learning modules for K–8 mathematics methods courses—Teachers Empowered to Advance Change in Mathematics Project*. <http://www.teachmath.info>
- Felton, M. D. (2010). Is math politically neutral? *Teaching Children Mathematics*, 17(2), 60–63.
- Gewertz, C. (2020). Teaching math through a social justice lens. *EducationWeek*. <https://www.edweek.org/teaching-learning/teaching-math-through-a-social-justice-lens/2020/12>
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- Huinker, D., & Bill, V. (2017). *Taking action: Implementing effective mathematics teaching practices in K–Grade 5*. NCTM.
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- Stinson, D. W., & Wager, A. A. (2012). Teaching mathematics for social justice: Conversations with educators. NCTM.
- Su, F., & Jackson, C. (2020). *Mathematics for human flourishing*. Yale University Press.
- Swoveland, M. (2013). On ‘that’s so gay’ and learning math. *Learning for Justice*. <https://www.learningforjustice.org/magazine/on-thats-so-gay-and-learning-math>
- Wiki for ideas for Social Justice in Math. Retrieved from <https://sites.google.com/site/mathandsocialjustice/curriculum-resources/wiki-for-ideas-for-social-justice-in-math>
- Yeh, C. (2021). Mathematics in context: The pedagogy of liberation. *Learning for Justice*. <https://www.learningforjustice.org/magazine/spring-2021/mathematics-in-context-the-pedagogy-of-liberation>
- Yeh, C., Ellis, M. W., & Hurtado, C. K. (2017). *Reimagining the mathematics classroom*. NCTM.

Teaching for Social Justice

- Abolitionist Teaching Network: <https://abolitionistteachingnetwork.org/>
- Blake, C. (n.d.). Teaching social justice in theory and practice. *Resilient Educator*. <https://resilienteducator.com/classroom-resources/teaching-social-justice>
- Christensen, L., Hansen, M., Peterson, B., Barbian, E., & Watson, D. (2012). *Rethinking elementary education*. Rethinking Schools.
- Facing History and Ourselves: <https://www.facinghistory.org>
- Gonzalez, J. (2016, February 14). A collection of resources for teaching social justice. <https://www.cultofpedagogy.com/social-justice-resources>
- Great Lakes Equity Center: <https://greatlakesequity.org>
- Kohl, H. (n.d.). Teaching for Social Justice 15.2. *Rethinking Schools*. <https://rethinkingschools.org/articles/teaching-for-social-justice>
- Learning for Justice: <https://www.learningforjustice.org>

New York Collective of Radical Educators. *Revolutionizing the classroom: Transforming mainstream curriculum into social justice teaching*. <http://www.nycore.org/newsite/wp-content/uploads/revolutionizingtheclassroom.pdf>

Peterson, B. (n.d.). Teaching for Social Justice 8.3. *Rethinking Schools*. <https://rethinkingschools.org/articles/teaching-for-social-justice-8-3>

Picower, B. Six elements of social justice pedagogy. *Using Their Words*. <http://www.usingtheirwords.org/6elements/>

Rethinking Schools: <https://www.rethinkingschools.org>

Southern Illinois University, Edwardsville. (n.d.). *Resource list for including social justice issues in curricula*. <https://www.siue.edu/education/about/diversity/resources.shtml>

UCLA Ethnic Studies Teacher Resources: <http://www.teachethnicstudies.org/>

Communities Interested in Teaching Mathematics for Social Justice

Abolitionist Teaching Network: <https://abolitionistteachingnetwork.org/>

Black Teacher Project: <https://www.blackteacherproject.org/>

Education for Liberation Network: <https://www.edliberation.org/>

Educators for Social Justice & Inclusive Teaching Practices—Facebook: <https://www.facebook.com/groups/1136557443074208>

Equity and Social Justice in Mathematics Education Facebook: <https://www.facebook.com/groups/178344199241717>

Free Minds Free People: <https://fmfp.org/>

Graphs in the World

Instagram: @graphsintheworld

Facebook: <https://www.facebook.com/graphsintheworld>

National Network of Teacher Activist Groups: <https://teacheractivists.org/>

Nepantla Teachers Community: <https://nepantlateachers.wixsite.com/website>

New York Collective of Radical Educators (NYCoRE)—Facebook: <https://www.facebook.com/NYCoRE>

People's Education Movement Bay Area

Online: <https://peoplesedbayarea.wordpress.com/>

Instagram: @peoplesbayarea

People's Education Movement LA

Online: <https://peoplesed.weebly.com/>

Instagram: @peoples_ed

Social Justice Math—Twitter: @socjusticemath

Teachers 4 Social Justice Bay Area: <https://t4sj.org/>

Teachers for Social Justice Chicago: <http://www.teachersforjustice.org/>

Teaching for Change

Facebook: <https://www.facebook.com/TeachingforChange>

Online: <https://www.teachingforchange.org>

Teaching on Days After: Dialogue & Resources for Educating Toward Justice Facebook: <https://www.facebook.com/groups/teachingondaysafter>

Teaching Social Justice Resource Exchange—Facebook: <https://www.facebook.com/groups/teachaboutjustice>

Washington State Ethnic Studies Now: <https://waethnicstudies.com/>

Witness for Peace solidarity collective: <https://www.solidaritycollective.org>

Resources for Building Your Own Social Justice Mathematics Lessons

A Little Stats: <https://alittlestats.blogspot.com/p/data-sources.html>

Bigelow, B. (n.d.) Videos with a global conscience. *Rethinking Schools*. <https://rethinkingschools.org/books/rethinking-globalization/videos-with-a-global-conscience>

Borderlinks: <https://www.borderlinks.org/>

Data for Black Lives: <http://d4bl.org/>

DATAJUSTICE project: <https://datajusticeproject.net>

EdGap: <http://edgap.org>

Gallup: <https://www.gallup.com/>

Gapminder: <https://www.gapminder.org>

GLSEN: <https://www.glsen.org>

Mathematical Modeling with Cultural and Community Contexts: <https://sites.google.com/a/uw.edu/dr-julia-aguirre/research/mathematical-modeling-with-cultural-and-community-contexts-m2c3>

Smith, D. J. (2009). *If America were a village: A book about the people of the United States*. Kids Can Press.

Smith, D. J. (2011). *If the world were a village: A book about the world's people* (2nd ed.). Kids Can Press

Social Justice Books: <https://socialjusticebooks.org/store/>

U.S. Census Bureau: <https://www.census.gov/en.html>

What's Going on in This Graph, *New York Times*: <https://www.nytimes.com/column/whats-going-on-in-this-graph>