

## Social Justice Mathematics and Science Curricular Resources for K-12 Teachers

<https://bit.ly/SJMathScienceResources>

Compiled by Dr. Kari Kokka | Please share with others and cite me please :)

[Posted June 5, 2020 <https://twitter.com/karikokka/status/1269067013042982912> and I continue to add to this list.]

It would be great if you let me know (via email or Twitter) with whom/where you share it.

I figure I can add it to my dossier for when I go up for tenure thank you!

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**Welcome Note:** Thank you for visiting! These resources are a starting point and not a thorough/complete list. This is a living document, and I continue to add resources. Please feel free to reach out to me via email or Twitter to add resources. I will credit your suggestions when I add them, thank you! Also, this work requires our commitment to our ongoing learning about and dismantling systems of oppression, true love and partnership with our students, and constant growth and reflection. There is no “magic pill” or easy way to engage in this work, and we must be mindful of students’ well-being. (See Dr. Shawn Ginwright’s work on [Radical Healing](#) and [Healing Centered Engagement](#).) I look forward to our journey to collectively learn about social justice mathematics and science teaching. [PS. I am a mathematics educator and therefore there are more math ed resources here. I have been learning the science ed literature because I have been teaching math and science methods courses at Pitt. Apologies that the science ed resources are not as robust. Feel free to reach out to add more! I am not super tech savvy, but I hope this is clear and useful, thank you!]

### Social Justice Mathematics and Science Online Resources

Racial Justice in Early Math | Erikson Institute Early Math Collaborative

<https://earlymath.erikson.edu/promisingmath/racial-justice/>

Black History Month and Mathematics

<https://francesharper.com/2021/02/15/black-history-month-mathematics/?fbclid=IwAR3jGANCyogbH7xI60gn95Hx0MQczr4xjM9jXfj13sl-4vmDlND-3CqVjmk>

A Pathway to Equitable Math Instruction | Dismantling Racism in Mathematics Instruction | Exercises for educators to reflect on their own biases to transform instructional practice [https://equitablemath.org/https://4becd4fe-d709-4c11-a2a2-fb9327f08b81.filesusr.com/ugd/171771\\_614186728ff1485ebd9fb3f4c7c7a730.pdf](https://equitablemath.org/https://4becd4fe-d709-4c11-a2a2-fb9327f08b81.filesusr.com/ugd/171771_614186728ff1485ebd9fb3f4c7c7a730.pdf)

NYT Teach Inequality with these 28 NYT Graphs (thank you Isabel Crain)

<https://www.nytimes.com/2021/05/11/learning/lesson-plans/teach-about-inequality-with-these-28-new-york-times-graphs.html>

NYT What’s going on in this graph? <https://www.nytimes.com/column/whats-going-on-in-this-graph>

Over 60 NYT Graphs for students to analyze

<https://www.nytimes.com/2020/06/10/learning/over-60-new-york-times-graphs-for-students-to-analyze.html>

YouCubed Data Science Lessons <https://www.youcubed.org/data-science-lessons/> [Thank you Mandy Decker]

Dr. Robert Berry’s Social Justice Mathematics Resource Padlet <https://padlet.com/rqb3e/sjmathresources>

The Underrepresentation Curriculum <https://underrep.com/>

American Statistical Association Resources for K-12 educators <https://www.amstat.org/asa/education/K-12-Educators.aspx>

Electoral College social justice math lesson by Charles Snyder

[https://teacher.desmos.com/activitybuilder/custom/5fa02d0bdb77d70bfeb1fc0b?fbclid=IwAR0zpWqEQXiGlF9QgoL5MboMcx\\_wwljENpcH7paC3gdwo\\_wqKMWni-aA\\_XA](https://teacher.desmos.com/activitybuilder/custom/5fa02d0bdb77d70bfeb1fc0b?fbclid=IwAR0zpWqEQXiGlF9QgoL5MboMcx_wwljENpcH7paC3gdwo_wqKMWni-aA_XA)

Algebra 2 units from @benjamindickman as informed by (e.g.) the Teaching Tolerance Social Justice Standards:

[https://docs.google.com/document/d/1Mldcf56b21KZ4Odug9V4CELrpjXbKGcatcP--mq\\_8L0/edit](https://docs.google.com/document/d/1Mldcf56b21KZ4Odug9V4CELrpjXbKGcatcP--mq_8L0/edit)

OpenSciEd COVID Health Equity Units <https://www.openscienced.org/covid-19-health-equity/>

UCLA Ethnic Studies Math and Science Resources [https://bit.ly/ESMath\\_Science](https://bit.ly/ESMath_Science)

NCTM Social Justice and Equity Resources <https://www.nctm.org/socialjustice/>

Syllabus: A History of Anti-Black Racism in Medicine  
<https://www.aaihs.org/syllabus-a-history-of-anti-black-racism-in-medicine/?fbclid=IwAR3n5a23qey5e38wCqfIHjKXQ8PNqcl7bXyGuNaAXn5uKQLjJGeHrFDhixVQ>

Nepantla Teachers Community Cohorts <https://nepantlateachers.wixsite.com/website/2020-summer-cohort>

Black Lives Matter at School <https://blacklivesmatteratschool.com/> [Curated by Chris Rogers. Click on lesson plans. There are math and science lessons here. I have some here, but I need /would love to improve them.]

Creating Balance in an Unjust World Conference on STEAM Education and Social Justice curricular resources <http://www.creatingbalanceconference.org/resources/>

Antiracist Mathematics Education Resource List  
[https://docs.google.com/document/d/1vD3p3oX8xsq9ShrjflbyFoZkEUUIc\\_WxutFINEgHK8/edit?usp=sharing](https://docs.google.com/document/d/1vD3p3oX8xsq9ShrjflbyFoZkEUUIc_WxutFINEgHK8/edit?usp=sharing) <http://bit.ly/antiracistmath>

Social Justice Math lessons from Frances Harper's site <https://francesharper.com/social-justice-math/>  
[Algebra for Equity and Justice by Dr. Nathan Alexander](#)

Radical Math <http://radicalmath.org/>

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

Math and Social Justice: A Collaborative MTBoS Site  
<https://sites.google.com/site/mathandsocialjustice/curriculum-resources>

The Underrepresentation Curriculum Project <https://underrep.com/> [Thank you @danny\_doucette]

Algebra Project <https://algebra.org/wp/>

Young People's Project <http://www.typp.org/>

Access, Agency, and Allies in Mathematical Systems Antiracist Tool  
<https://sites.google.com/go.olemiss.edu/a3ims/antiracist-tool>

Teachers Empowered to Advance Change in Mathematics (Teach Math) <https://teachmath.info/>

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>

Pi Before Dinner Resources for Teachers and Parents <https://www.pibeforedinner.com/> [Thank you Drs. Lou Matthews and Natalie Holliman]

Inspire Math Changing the Face of Mathematics <https://www.inspiremath.org/> [Thank you Dr. Lou Matthews]

Science Educators for Equity Diversity and Social Justice <http://seedsweb.org/> [Thank you Dr. Sarah Tolbert and Renée Agatsuma]

Bioneers Revolution from the Heart of Nature <https://bioneers.org/>  
[Investigating Environmental Racism in the High School Biology Classroom NSTA](#) [Thank you Dr. Andy Weatherhead]

[Teaching STEM In Ways that Respect and Build Upon Indigenous Peoples' Rights](#) [Thank you Dr. Andy Weatherhead]

TODOS webinars <https://vimeo.com/user56336191> and podcasts <https://todosmath.podomatic.com/>

[Science Educators for Equity Diversity and Social Justice](#)

[Teaching, Learning, and Loving Mathematics](#) blog by Dr. Maria Zavala

[Woke Math Ethnic Studies Math](#) blog by Shraddha Shirude

Liberatory Design Cards <https://dschool.stanford.edu/resources/liberatory-design-cards>

STEM to the Future <https://www.stemtothefuture.org/>

Math Anywhere <https://www.mathanywhere.org/>

Mathematical Modeling with Cultural and Community Contexts  
<https://sites.google.com/qc.cuny.edu/m2c3/home>

Ethnomathematics Lessons <https://sites.google.com/site/ethnomathematics/lesson-plans>

Ethnomathematics: Mathematics de TODOS

[https://www.todos-math.org/index.php?option=com\\_dailyplanetblog&view=entry&year=2019&month=05&day=22&id=11:ethnomathematics-mathematics-de-todos](https://www.todos-math.org/index.php?option=com_dailyplanetblog&view=entry&year=2019&month=05&day=22&id=11:ethnomathematics-mathematics-de-todos)

School Diversity 6th grade math lesson by Kevin Nguyen

<https://drive.google.com/drive/folders/1crp541eHFU8YxteQbCKX81El8Mm7iBkP>

Civic Laboratory for Environmental Action Research (CLEAR) is a feminist, anti-colonial, marine science laboratory. They have projects on plastic pollution and wild food as well as methodological projects.

<https://civiclaboratory.nl/> [Thank you Dr. Nicole Fletcher]

National Alliance for Partnerships in Equity STEM equity page

<https://napequity.org/stem/#:~:text=Specifically%2C%20its%20STEM%20Equity%20Pipeline,completion%20of%20students%20in%20STEM> [Thank you Dr. Nicole Fletcher]

Benjamin Dickman recently posted a preprint of an article he recently submitted on his social justice algebra 2 work. The article can be found here:

[https://www.researchgate.net/publication/353270334\\_What's\\_in\\_a\\_name\\_Absolute\\_Value\\_Algebraic\\_Identity](https://www.researchgate.net/publication/353270334_What's_in_a_name_Absolute_Value_Algebraic_Identity) [Thank you Dr. Nicole Fletcher]

Science Education Partnership Fred Hutchinson Cancer Research Center

<https://www.fredhutch.org/en/about/education-outreach/science-education-partnership/sep-curriculum.html> [Thank you Renée Agatsuma]

Culturally Responsive Education STEM High School Toolkit <https://sites.google.com/view/crestemtoolkit> [Thank you Dr. Glenn Waddell]

### **Social Justice Education Resources**

Harvard Graduate School of Education (HGSE) Solidarity Collective for Black Lives Action Committee email Parastoo Massoumi for the Google Spreadsheet of Black, Anti-racist, & Critical Scholarship

Recommendations [parastoo.massoumi@g.harvard.edu](mailto:parastoo.massoumi@g.harvard.edu)

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

So You're Thinking About Becoming an Abolitionist by Miriam Kaba

<https://level.medium.com/so-youre-thinking-about-becoming-an-abolitionist-a436f8e31894>

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

If You're New to Abolition: Study Group Guide <https://abolitionjournal.org/studyguide>

Teachers 4 Social Justice Virtual Resources Fair

<https://t4sj.org/events/2020-conference-virtual-edition/virtual-resource-fair/>

Center for Urban Education University of Pittsburgh <https://www.cue.pitt.edu/>

4 I's of Oppression Resources by UCLA Teacher Education Program Ethnic Studies Pathway

<https://bit.ly/4IsofOppression>

[Antiracist Teaching Resources](#) curated by Dr. Edwin Mayorga

[Education and Criminalization Do #Black Lives Matter in Schools](#) compiled by Dr. Subini Annamma

[People's Ed LA Teaching Resources](#)

[Resources for Supporting Black Lives Matter and Being an Antiracist. There is no in between periodt.](#)

[Curated by Dr. Tia Madkins @ProfTiaMadkins](#)

Six Elements of Social Justice Pedagogy by Dr. Bree Picower <http://www.usingtheirwords.org/6elements/>

Teaching Tolerance <https://www.tolerance.org/>

Civil Rights Teaching <https://www.civilrightsteaching.org/>

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

Teaching for Change <https://www.teachingforchange.org/>

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

Zinn Education Project <https://www.zinnedproject.org/>

Facing History <https://www.facinghistory.org/>  
 Equity Literacy Institute <https://www.equityliteracy.org/equity-literacy> [Thank you @ZingerLearns]  
 Leading Equity Center <https://www.leadingequitycenter.com/> [Thank you @ZingerLearns]  
 Southern Poverty Law Center <https://www.splcenter.org/teaching-tolerance> [Thank you Laura McCracken]  
 Culturally Responsive Teaching and the Brain with Zaretta Hammond <https://crtandthebrain.com/>  
 Podcast Episodes Related to Education curated by Dr. Molade Osibodu <https://bit.ly/37ryrRA>  
 Critical Resistance <http://criticalresistance.org/>  
 #HipHopEd <https://hiphoped.com/>  
[Educating for Black Lives Routledge](#)  
 Becoming an anti-racist educator Wheaton College  
<https://wheatoncollege.edu/academics/special-projects-initiatives/center-for-collaborative-teaching-and-learning/anti-racist-educator/>  
 Racial Equity Tools <https://www.raciaequitytools.org/home>  
 Dismantling Racism Works <https://www.dismantlingracism.org/>  
 Being Antiracist Smithsonian <https://nmaahc.si.edu/learn/talking-about-race/topics/being-antiracist>  
 Pledge to Act <https://www.pledgetoact.org/>  
 A Guide to Equity and Antiracism for Educators by Hedreich Nichols Edutopia  
<https://www.edutopia.org/article/guide-equity-and-antiracism-educators>  
 Sylvia Duckworth's infographics re: CRT and more <https://www.flickr.com/photos/sylviaduckworth/>  
 The Scholar Strike youtube page has a lot of great videos. Most are not directly related to STEM but there are a couple that are: <https://www.youtube.com/channel/UCu76Immw5Fuj2bajTDCXwKQ/videos>  
 [Thank you Dr. Nicole Fletcher]

### **Grassroots Teacher Activist Organizations and Conferences**

Creating Balance in an Unjust World Conference on STEAMM Education and Social Justice [@cbuwconference](http://www.cbuw.org)  
 Radical STEMM Educators of the Bay Area <https://www.facebook.com/groups/TM4SJ/>  
[@RadicalSTEMMED](#)  
 Abolition Science Radio <https://www.abolitionscience.org/> @abolition\_sci  
 New York Collective of Radical Educators NYCoRE <http://nycore.org/> @NYCoRE3000  
 People's Education Movement Bay Area <https://peoplesedbayarea.wordpress.com/> IG: @peoplesbayarea  
 People's Education Movement LA <https://peoplesed.weebly.com/> @peoples\_ed  
 Nepantla Teachers Community <https://nepantlateachers.wixsite.com/website>  
 Washington State Ethnic Studies Now <https://waethnicstudies.com/>  
 Education for Liberation Network <https://www.edliberation.org/>  
 Free Minds Free People <https://fmpf.org/>  
 Teachers 4 Social Justice <https://t4sj.org/> Bay Area  
 Teachers for Social Justice <http://www.teachersforjustice.org/> Chicago  
 Abolitionist Teaching Network <https://abolitionistteachingnetwork.org/>  
 National Network of Teacher Activist Groups <https://teacheractivists.org/>  
 Black Teacher Project <https://www.blackteacherproject.org/>  
 Northwest Conference on Teaching for Social Justice <https://nwtsj.org/wp/> [thank you Renée Agatsuma]

### **Scholar Organizer Collectives**

Critical Educators for Social Justice SIG <http://www.cesjsig.org/about-cesj.html>  
 CARE-ED in California: <https://www.care-ed.org>  
 CReATE in Chicago: <https://createchicago.weebly.com/>  
 HSESJ in Hawai'i: <https://hawaiiischolars.wordpress.com/>

EDJE, the nationwide deans network: <https://www.educationdeans.org>

Kevin Kumashiro's work <https://www.kevinkumashiro.com/>

Just Mathematics Collective <https://www.justmathematicscollective.net/>

## Books

[Rehumanizing mathematics for Black, Indigenous, and Latinx students edited by Drs. Imani Goffney, Rochelle Gutiérrez](#)

A People's Curriculum for the Earth: Teaching Climate Change and the Environmental Crisis

<https://www.rethinkingschools.org/books/title/a-people-s-curriculum-for-the-earth>

Teaching for Black Lives <https://www.rethinkingschools.org/books/title/teaching-for-black-lives>

Rethinking Mathematics

<https://www.rethinkingschools.org/books/title/rethinking-mathematics-second-edition>

High School Mathematics and Science Lessons to Explore, Understand, and Respond to Social Injustice

by Drs. Robert Q. Berry III, Basil M. Conway IV, Brian R. Lawler and John W. Staley

<https://resources.corwin.com/TMSJ-highschool>

Radical Equations by Bob Moses and Charles Cobb

<https://www.penguinrandomhouse.com/books/206027/radical-equations-by-robert-p-moses/9780807031278/>

Impact of Identity in K-8 Mathematics: Rethinking Equity Based Practices by Drs. Julia Aguirre, Karen Mayfield-Ingram, and Danny Martin

<https://www.nctm.org/Store/Products/The-Impact-of-Identity-in-K-8-Mathematics--Rethinking--Equity-Based-Practices/>

Science in the City by Dr. Bryan Brown <https://scienceinthecity.stanford.edu/>

Rethinking Ethnic Studies <https://www.rethinkingschools.org/books/title/rethinking-ethnic-studies>

Race After Technology Abolitionist Tools for The New Jim Code by Dr. Ruha Benjamin

<https://www.ruhabenjamin.com/race-after-technology>

Captivating Technology Race, Carceral Technoscience, and Liberatory Imagination in Everyday Life edited by Dr. Ruha Benjamin <https://www.dukeupress.edu/captivating-technology>

Peoples Science by Dr. Ruha Benjamin <https://www.ruhabenjamin.com/peoples-science>

[Teaching Mathematics for Social Justice Conversations with Educators Edited by Drs. Anita A. Wager and David W. Stinson](#)

We Want To Do More Than Survive by Dr. Bettina Love <https://bettinalove.com/>

[Beyond Banneker: Black Mathematicians and the Paths to Excellence](#) [thank you Dr. Jamylle Carter]

Martin, D.B. (Ed.) (2009). Mathematics teaching, learning, and liberation in the lives of Black children.

London: Routledge. [thank you Dr. Jamylle Carter]

[Teaching Science for Social Justice by Angela Calabrese Barton](#) [thank you Dr. Rabiah Harris]

[STEM Rich Maker Learning: Designing for Equity with Youth of Color by Drs. Angela Calabrese Barton and Edna Tan](#)

[Mathematics for Social Justice: Resources for the College Classroom Edited by Drs. Gizem Karaali and Lily S. Khadjavi](#) [thank you Dr. Gizem Karaali and Dr. Lily Khadjavi]

[Reflecting the World: A Guide to Incorporating Equity in Mathematics Teacher Education](#) by Felton-Koestler,

[Simic-Muller, & Menéndez](#) [thank you Dr. Matt Felton-Koestler]

Reading and Writing the World in Mathematics: Toward a Pedagogy for Social Justice by Dr. Eric (Rico) Gutstein

[Bank Street Occasional Paper Series Critical Mathematical Inquiry](#) [thank you Dr. Steven Greenstein]

Weapons of Math Destruction by Dr. Cathy O'Neill <https://weaponsofmathdestructionbook.com/>

Multiplication is for White People by Dr. Lisa Delpit

Erica Walker's books *Beyond Banneker: Black mathematicians and the paths to excellence*



<https://www.maa.org/press/maa-reviews/beyond-banneker-black-mathematicians-and-the-paths-to-excellence> [Thank you Dr. Nicole Fletcher]

*Building Mathematics Learning Communities: Improving Outcomes in Urban High Schools*

<https://www.tcpres.com/building-mathematics-learning-communities-9780807753286> [Thank you Dr. Nicole Fletcher]

**Math Ed and Science Ed Literature** [I do not include the critical math and science education research literature. I humbly encourage you to create your own list of the research literature!]

**Pedagogical resources** [I do not include these either, e.g, Complex Instruction, reform-oriented, standards based instruction, but I encourage you to look to those resources also, e.g., [www.YouCubed.org](http://www.YouCubed.org)]

### **Mathematics and Mathematics Education Organizations**

[I am not including mainstream/dominant math ed orgs here, but they do good work too.]

TODOS Mathematics for All <https://www.todos-math.org/>

Benjamin Banneker Association <http://bbamath.org/> [thank you Dr. Shelley Jones]

Lathisms Latinxs and Hispanics in Mathematics and Science <http://lathisms.org/> [thank you Dr. Mandy Ruiz]

Mathematically Gifted and Black <https://mathematicallygiftedandblack.com/> [thank you Dr. Mandy Ruiz]

[National Association of Mathematicians](http://www.nam.edu/) [thank you Dr. Jamylle Carter]

### **Selected Readings and Videos**

[Six reasons why I want my white child to take ethnic studies by Jon Greenberg](#)

Dr. [Ibram Kendi on Democracy Now](#) standardized testing and the eugenics movement

[Eugenics movement](#)

Race the Power of an Illusion <https://www.racepowerofanillusion.org/>

[Pushout: The Criminalization of Black Girls in School](#) Dr. Monique Morris

[Silenced Dialogue: Power and Pedagogy in Educating Other People's Children by Dr. Lisa Delpit](#)

[Future of Healing](#) by Dr. Shawn Ginwright

[13th](#) by Ava DeVurney

The New Jim Crow by Michelle Alexander

[James Baldwin A Talk to Teachers](#)

[Subversive Teaching to Rehumanize Mathematics by Dr. Rochelle Gutierrez](#)

### **Abolitionist Teaching Resources**

[from the *Repurposing Our Pedagogies: Abolitionist Teaching in a Global Pandemic* webinar with Dr. Bettina Love, Dr. Steph Cariaga, Dr. Carla Shalaby, Marylin Zuñiga, Sagnicthe Salazar, moderated by Dr. Farima Pour-Khorshid, and Dr. Chrissy Hernandez, organized by the Education for Liberation Network, Critical Resistance Education, and Abolition Collective]

Resources Shared by Panelists:

adrienne maree brown, [Emergent Strategy: Shaping Change, Changing Worlds](#)

Akiea Gross, [Woke Kindergarten: Teaching Protest Resource](#)

Akiea Gross, [Woke Kindergarten: Wings Read Aloud](#)

Angela Davis, [Are Prisons' Obsolete?](#)

Angela Davis & Dylan Rodriguez, [The Challenge of Prison Abolition: A Conversation](#)

Audre Lorde, [A Burst of Light: And Other Essays](#)

Audre Lorde, ["The Uses of Anger: Women Responding to Racism"](#) (also printed in *Sister Outsider*)

Black and Emotional and Mental Health Collective (wellness check-ins, trainings, and other resources),

<https://www.beam.community/events>

[Critical Resistance's site](#) that offers a lot of tools for thinking, learning and practicing abolition  
 Harper Keenan, [Unscripting Curriculum: Toward a Critical Trans Pedagogy](#)  
 Chrissy Anderson-Zavala, Patricia Krueger-Henney, Erica Meiners & Farima  
 Pour-Khorshid, “Fierce Urgency of Now: Building Movements to End the Prison Industrial Complex in Our Schools”  
 Jay Gillen, [Educating for Insurgency: The Roles of Young People in Schools of Poverty](#)  
 Jay Gillen, [Power In The Room: Radical Education Through Youth Organizing and Employment](#)  
 Lama Rod Owens, [Love and Rage](#), forthcoming book (and other resources)  
 Leah Lakshmi Piepzna-Samarasinha, [Care Work: Dreaming Disability Justice](#)  
 Bettina Love, [We Want to Do More Than Survive: Abolitionist Teaching and the Pursuit of Educational Freedom](#)  
 Mariame Kaba & Shira Hassan, [Fumbling Towards Repair: A Workbook for Community Accountability Facilitators](#)  
[MDP 150 graphics around building a police free future](#)  
 Prentis Hemphill, [Healing Justice is How We Can Sustain Black Lives](#)  
 Quetzal Education, Culturally Sustaining Consulting Firm [www.quetzalec.com](#)  
 Rachel Kushner, [Is Prison Necessary? Ruth Wilson Gilmore Might Change Your Mind](#)  
 Resmaa Menakem, [My Grandmother's Hands: Racialized Trauma and Mending Our Hearts and Bodies](#)  
 Sol Development, [The Sol of Black Folk](#)  
 Staci Haines, [The Politics of Trauma: Somatics, Healing, and Social Justice](#)  
 Subini Annamma, [The Pedagogy of Pathologization: Dis/abled Girls of Color in the School-Prison Nexus](#)  
 Tawana Petty, [Towards Humanity: Shifting the Culture of Antiracism Organizing](#)  
 Zinn Education Project's teaching the history of policing to elementary and HS students

**About me:** I, Dr. Kari Kokka (she/her), am an Assistant Professor of Mathematics Education in the School of Education at the University of Pittsburgh. I study student and teacher perspectives of Social Justice Mathematics and STEM teacher activism. I am from the Bay Area, CA and have been an educator for the past 23 years. My most influential teaching experiences were learned during my ten years as a mathematics teacher, mathematics coach, and organizer at [Vanguard High School](#), a Title I public New York City high school and part of the [Coalition of Essential Schools](#) and [New York Performance Standards Consortium](#). I am co-founder of the [Creating Balance in an Unjust World Conference on STEAMM Education and Social Justice](#) (founded in 2007), former co-chair (2017-2019) of the [Critical Educators for Social Justice SIG](#), and have been involved with the [Radical STEMM Educators of the Bay Area](#), [People's Education Movement](#), and the [New York Collective of Radical Educators](#). I completed my Ed.D. at the Harvard Graduate School of Education (2017), my M.A. with the Stanford Teacher Education Program (2001), and my B.S. in Mechanical Engineering at Stanford University (1999). I've had the opportunity to share about my work with the [Abolition Science podcast](#), the [Leading Equity podcast](#), and [Under the Tree with Bill Ayers: A Seminar on Freedom](#). You can learn more about my research at my [University of Pittsburgh faculty profile](#) or at [www.karikokka.com](#). I can be reached at [kokka@pitt.edu](mailto:kokka@pitt.edu) or via Twitter [@karikokka](#).