

# ATN NEWSLETTER

Engineering Equity, One Classroom at a Time



## DATES OF NOTE FOR JANUARY

### All Month: Tamil Heritage Month

**December 26th to January 1st** -  
Kwanzaa

**January 1st** - New Year's Day

**January 4th** - National Ribbon Skirt  
Day, World Braille Day

**January 6th** - Epiphany, Guru Gobind  
Singh Jayanti

**January 7th** - Orthodox Christmas Day

**January 10th** - Asarah B'Tevet

**January 13th** - Lohri

**January 14th** - Maghi, Orthodox New  
Year, Makar Sankranti Mahayana New  
Year

**January 14 to 17th** - Pongal

**January 18th** - Bodhi Day

**January 19th** - World Religion Day

**January 20th** - Martin Luther King Jr.  
Day

**January 21st** - Lincoln Alexander Day

**January 24th** - International Day of  
Education World Day for African and  
Afrodescendant Culture

**January 26 to 27th** - Lailat al Miraj

**January 27th** - International Holocaust  
Remembrance Day

**January 29th** - National Day of  
Remembrance of the Quebec City  
Mosque Attack & Action Against  
Islamophobia (Green Square Day),  
Lunar New Year (Year of the Snake)

## EQUITY IN STEM

From the desks of the Antiracist Teachers Network:

Equity in STEM (Science, Technology, Engineering, and Math) is more than just a buzzword—it's a call to action.

Systemic barriers to access and success in the STEM fields persist for equity-deserving communities, reinforcing educational disparities and future employability. As educators, we are uniquely positioned to disrupt these barriers by crafting inclusive classrooms that value diverse perspectives, create a sense of belonging, and allow students to visualize themselves as future innovators. Addressing these challenges requires intentional action to create pathways where all students can explore, belong, and succeed in STEM.

This month, we invite you to explore ways of disrupting inequities in STEM, amplifying underrepresented voices, and fostering a learning environment that allows every student to thrive and succeed.

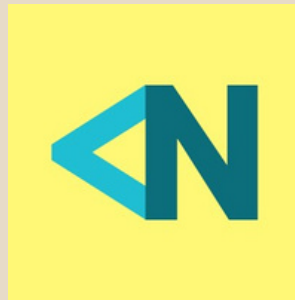


## PODCAST RECCS.

From the ATN!



We recommend [Dr. Rebecca Crumpler's](#) episode



We recommend [STEM Role Models](#)



We recommend [Sky Rivers to Quantum Portals](#)

## COOL STUFF!

- [A Pathway to Equity In Math Instruction](#) provides a **Math Equity Toolkit** broken down into a series of “strides” that you can use for any mathematics classroom (though, it is recommended for 6-8)
- [Indigenous STEAM](#) (or **ISTEAM**) looks at STEAM from an Indigenous lens and provides a variety of learning activities for teachers, students and communities to engage in
- **The Institute of Education Sciences** provides an interactive [Framework for Equitable Opportunities to Learn in STEM](#) that provides actionable feedback for teachers, leaders and professional developers on how to make STEM equitable in their organizations
- **The Ontario Ministry of Education** and **Ontario Science Centre** have released a free online workshop titled [Addressing Equity, Diversity and Inclusion in STEM Education](#) which also includes resources for further learning
- [Combatting Racism towards Indigenous Peoples through the Inclusion of Indigenous Perspectives in the Classroom](#) provides a variety of [Lesson Plans](#) that weave Indigenous Perspectives into STEM topics
- Check out the [Northeastern University Diversity and Anti-Racism in STEM](#) resource page - with resources to support specific science disciplines
- This [Equitable Math Framework](#) supports teachers in understanding how implicit bias can shape math instruction and provides strategies for creating anti-racist math classrooms. It includes detailed guidance on lesson planning, student engagement, and assessment.



## OUR MONTHLY BOOK RECCS

From the ATN Resource Bank!

K-4

**Have You Thanked An Inventor Today?**  
by Patrice McLaurin

**Mae Among the Stars** by Roda Ahmed

**Goodbye Winter, Hello Spring** by Kenard Park

**The Unstoppable Garrett Morgan: Inventor, Entrepreneur, Hero** by Joan Diccio

**Count on Me** by Miguel Tanco

**Building a Dream: How the Boys of Koh Panyee Became Champions** by Darshana Khiani

**Friend of Numbers: The Life of Mathematician Srinivasa Ramanujan** by Priya Narayanan

5-9

**Grasping Mysteries: Girls Who Loved Math** by Jeannine Atkins

**Calling All Minds** by Temple Grandin

**Mosquitoes Don't Bite Me** by Pendred Noyce

**Path to the Stars: My Journey from Girl Scout to Rocket Scientist** by Sylvia Acevedo

**Shinji Takahashi and the Mark of the Coatl** by Julie Kagawa

10-12

**Become an App Inventor: Your Guide to Designing, Building, and Sharing Apps** by Karen Lang

**Changing the Equation: 50+ US Black Women in STEM** by Tonya Bolden

**Diary of a Young Naturalist** by Dara McAnulty

**Extra Life (Young Readers Adaptation): The Astonishing Story of How We Doubled Our Lifespan** by Steven Johnson



Looking for previous ATN issues?  
Find them under

[Antiracist Teacher Network Newsletter](#) here!