THE PROGRAM

BTC's Algebra I Academy provides Black Algebra I teachers with the opportunity to re-imagine their instructional practices through a more liberatory lens and re-imagine who they are as Black Algebra I educators, all while building their own content and conceptual mastery of Algebra I. As a result, students develop a stronger conceptual understanding of math, build a positive racial math identity, and see themselves as part of the equation and not the problem.

Our framework, which is rooted in Black teaching traditions, will use real-world examples to teach concepts like operations of inequalities. Our work also gives teachers a historical context to Math's African origins.

WHO IS THE BLACK TEACHER COLLABORATIVE? (BTC)

Black Teacher Collaborative (BTC) aims to shift the state of elementary and secondary education for Black students by filling an essential void in the landscape: developing and delivering solutions that equip Black teachers with the support and tools they need to maximize their impact on Black students, while enabling Black teachers to have long careers in education.

PROGRAM HIGHLIGHTS

- Summer Immersive Learning Experience focused on introducing racially- affirming instructional practices anchored in BTC's pedagogical framework
- Regular individual observations and targeted coaching sessions
- Bi-Monthly whole group community of practice sessions
- Self-directed learning modules
- Receive $2,000* stipend each year (*contingent upon successful completion of all program components)
THE PROBLEM
An overwhelming amount of educational research has shown that the most significant problem of Black students in America’s schools is the wide (and widening) achievement gap in mathematics. The National Assessment of Educational Progress data suggests that many Black students typically score below their peers in all mathematical content areas and are not experiencing instructional practices consistent with the recommendation suggested by the National Council Teachers of Mathematics (NCTM).

"I enjoyed exploring and collaborating with intelligent Black teachers on how we can be CHANGE AGENTS to support and liberate our Black students from racial sociological beliefs and mindsets."

-BTC Algebra 1 Academy Teacher

THE SOLUTION
The BTC Algebra 1 Academy is a 2-year immersive cohort learning experience for teachers in Georgia designed to address the problem of how traditional Algebra 1 is taught using the framework of BTC’s Black Liberatory Pedagogy. When it comes to teaching Algebra 1, one size does not fit all, and teachers must cultivate a liberatory math learning environment, build relationships with students and further strengthen their connections between their history, their communities, and using problem solving to reimagine a new world.

BLACK LIBERATORY PEDAGOGY
BTC’s Black Liberatory Pedagogy will underpin the Academy’s curriculum, instruction, and approach to coaching support, and our instructors’ teaching and learning practices will serve as a model for the participants’ own classrooms.

TEACHER OUTCOMES:
- INCREASED ALGEBRA 1 KNOWLEDGE THROUGH A BLACK LIBERATORY FRAMEWORK
- EXPANDED BLACK MATH TEACHER IDENTITY
- INCREASED USE OF INSTRUCTIONAL PRACTICES THAT CULTIVATE STUDENTS’ ALGEBRA SKILLS AND BLACK MATH IDENTITY
- EXPANDED COMMUNITY OF BLACK ALGEBRA 1 TEACHERS

"The Algebra 1 Project represents an exciting and important step towards expanding our understanding of what is possible in our efforts to create more liberatory learning experiences for Black children that affirm their culture, build a positive racial math identity while also helping build mathematical skills that are critical to their ability to access high level math courses."

Hiewet Senghor,
BTC Founder and CEO