The Public Schools of Brookline

Heath School School Improvement Plan, 2016-2017

> Heath School Council 2015-2016

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Public Schools of Brookline Strategic Plan Goals

Goal 1: Every Student Achieving

Ensure that every student meets or exceeds Brookline's high standards and eliminate persistent gaps in student achievement by establishing educational equity across all classrooms, schools, and programs.

Goal 2: Every Student Invested in Learning

Increase every student's ownership of his/her learning and achievement by using rigor, relevance, and relationships to foster a spirit of inquiry and the joy of learning.

Goal 3: Every Student Prepared for Change and Challenge

Instill in every student the habits of mind and life strategies critical for success in meeting the intellectual, civic, and social demands of life in a diverse, ever-changing, global environment.

Goal 4: Every Educator Growing Professionally

Foster dynamic professional learning communities that inspire inquiry, reflection, collaboration, and innovation, and use data to improve teaching, advance student learning, and refine the programs and practices of the Public Schools of Brookline.

Brookline Public Schools, District Goals and Strategies Heath School Improvement Plan 2016-2017

Heath School *Our North Star*

"When children and teachers feel happy, safe, and supported we have room to grow and learn through collaboration and risk-taking with our peers."

At Heath School, we set the bar high for students, so it is right that we set the bar higher for ourselves as educators. That means leading from a place of collaboration, celebration, love, and an unrelenting drive for providing the highest quality public education for every student who joins us at Heath.

Educators at Heath School are engaged in a school-wide conversation around coaching/collaboration, educational equity, mindset, the complex and intricate connections between teaching practice and student outcomes, and how to nurture classroom and school cultures in which students feel in control of their own learning. Our families also have a powerful perspective on this work, and we welcome their insights on the joys, struggles, and growth their child experiences during the school year.

The school fosters community in many ways, including: showcasing service learning during our school-wide Day of Service, providing support for our Gay-Lesbian-Transgender-Straight Alliance (grades 6-8), hosting a Young Scholars Program for students of color (grades 4-8), and by electing representatives (in grades 4-8) to serve on Student Council. All grades participate in community service and serve the greater community in myriad ways throughout their years at Heath.

The PTO plays an important role in the school and organizes many events to encourage parent participation. All families are members of the PTO. Heath School is well supported by our families and grateful for their partnership.

We consider ourselves to be craftsmen and innovators and work hard to ensure that students see themselves this way, as well. As professionals, we model risk-taking and mistake-making and work to develop a sense of safety in our classrooms so that students will also have the courage to take educational risks in service of getting smarter. We also recognize that risk-taking is not only in service of academic gains; we work for equity and social justice, often risky endeavors, at Heath School and use our voices and talents to uplift

all in our community. This is our shared vision, our North Star, and we are relentless in meeting the call of providing a high-quality education to all students, each of whom is a pleasure to serve.

Finally, our hope is that the work outlined in the School Improvement Plan will directly impact students and that students will be able to articulate the impact of our work on their learning outcomes.

Overview of 2016-2017 School Improvement Plan

Goal 1: Every Student Achieving

From the PSB *Vision, Mission, Core Values & Goals*: Ensure that every student meets or exceeds Brookline's high standards and eliminate persistent gaps in student achievement by establishing educational equity across all classrooms, schools, and programs.

Heath School specific challenge: At Heath we are working to build a culture in which all of us – students and staff alike – are afforded opportunities to meet academic/professional goals and produce high-quality, meaningful work. In that vein, we strive to close achievement gaps for children with disabilities (including IEPs and 504), our English language learners, students of color, and students who come to us from low income households.

Heath School will focus on two overarching goals – professional coaching/collaboration and educational equity – in an effort to close achievement gaps persistent in our community. In order to support these goals, Heath School will:

- Foster a culture where professional conversations are protected and serve one intent: to support student learning.
- Create learning environments that successfully balance content, pedagogy and teacher/student learning relationships. This includes launching a Science, Technology, Engineering, Arts, and Mathematics (STEAM) Lab in the fall of 2016, a place dedicated to supporting classroom teachers at all grade levels foster creative thinking and evidence-based practices, and encourage teachers and students to design, prototype, and build. 3D printers, sewing machines, recycled objects, hand tools, and green-screens afford students opportunities only found in spaces dedicated to exploration, wonder, and play.

- Employ data (BAS, MCAS scores, BOYAs and EOYAs, anecdotal observations) to assess academic and behavioral starting points for students in each grade level. Students not performing at grade level or above will be closely monitored; coaches, administrators, and peers will collaborate with teachers ago ensure the growth of these students is prioritized. RtI Systems (Response to Intervention), including, but not limited to, LLI, math groups, increase frequency of guided reading, FUNdations, and CST referrals, to ensure identified students meet benchmarks or make at least one-year's worth of academic growth.
- Continue to nurture and grow pedagogical practices myriad literacy frameworks (like Daily 5, the Writer's and Reader's Workshop models, and the Literacy Collaborative model), math grapples, project-based learning, student portfolios, and student-led conferences which have the potential to promote both student and professional growth.
- Implement at student-centered collaboration and coaching mindset amongst professionals using the work of Jim Knight and Expeditionary Learning as the foundation of professional coaching conversations. Heath Teachers can often be heard saying that <u>when we collaborate with one another we are more effective teachers</u>, <u>students benefit from our improved teaching</u>, <u>and our job is a lot more fun and fulfilling</u>.

Therefore:

We employ, a Collaborative Instructional Coaching Model

In the early spring of 2016, a number of Heath School specialists began to meet once a week in what came to be known as an Instructional Coaching Group. The crew explored the methods they were using to collaborate with teachers and students. They found that even though curriculum/content focus may differ from grade to grade, the strategies for collaborating had a lot in common. They knew they could improve collaborative approaches school-wide by working with each other.

We set, Collaboration and Coaching Goals

The Heath School Instructional Coaching Group often explores how they can be a better collaborators by being better partners. If a visitor to the school sat in on one of their meetings they might hear the team discussing the Partnership Principles (Knight, 2007) of

- □ Equality The belief that a strong collaborative partnership involves a professional relationship between equals. Heath School is fortunate that have a strong, steady, and largely coherent group of teachers that are excited to learn together.
- □ Choice The belief that because learning is mutual and that teachers need to have choice in what and how they learn. *We want to meet you where you are and together develop choices for moving forward together.*
- □ Voice The belief that learning together should empower and respect the voices of teachers. *We want to support and encourage you to express your opinions on the best way forward.*
- □ **Dialogue** The belief that professional learning happens best when give and take dialogue occurs and all engage in conversations about the content to think and learn together.
- Reflection The belief that by taking time to reflect practitioners can thoughtfully adopt or reject ideas before moving forward on them.
- Praxis The belief that our work should support and aid teachers to apply what all collaborative learning to real life practice in classrooms.
- **Reciprocity** The belief that learning is mutual. Again, we learn as much from you as you learn from us.

We prioritize, **Reflective Practice**

When the Instructional Coaching Group meets, they take a thoughtful look at their own practice. Sometimes this is done by analyzing a video (taken with the collaborating teacher's permission) of their collaborative work; other times, the team might pose and discuss a dilemma that they are facing.

At Heath School, this effort is supported by staff, curriculum coordinators, and school administration. The role of the Instructional Coach has value and supports our drive toward a more collaborative, equitable community.

Goal 2: Every Student Invested in Learning

From the PSB *Vision, Mission, Core Values & Goals*: Increase every student's ownership of his/her learning and achievement by using rigor, relevance, and relationships to foster a spirit of inquiry and the joy of learning.

Heath School specific challenge: Teachers and students alike must come to understand and embrace the challenges inherent in continuously improving personal and academic practices. We seek to learn new things and implement them in our academic endeavors, and to learn from successes and failures alike.

In order to support this goal, Heath School will:

- Launch student portfolios in a majority of Heath classrooms, connecting learners to their personal growth and putting them in the driver's seat of their learning.
- Pilot student-led conferences in myriad grades, establishing a set of best practices and a cadre of teacher-leaders who can support others launch student-led conferences in their classrooms.
- Use Learning Targets (Berger, 2014) in classrooms to ensure students know the intent of their work, have a clear understanding of the end goal, engage more deeply in the learning process, and are able to take ownership of the quality of their finished products.
- Explore and employ Mindset Theory practices in classrooms (Berger, 2014; Dweck, 2007; Duckworth, 2016), messaging to students that "getting smarter":
 - Relies on effort, reflection, and improvement over time
 - Requires risk-taking and mistake-making
 - Emphasizes revising of thinking "I used to think _____ but now I think _____"
 - Can be done at home and with families (by using family forums at Heath to explicitly teach families the language that supports a shift in mindset)
- Continue to present student work through celebrations of learning, such as our school-wide Technology Showcase, Day of Service, Student-Led Portfolio conferences, or Second Grade Artists Portfolio presentations. These showcases of student work emphasize the process each student undergoes while learning, presents beautiful final projects that the entire community can take pride in, gives students a forum to publicly reflect on their learning, makes apparent the interconnectedness of our curricula, depends upon a spirit of collaboration to produce, and more. These showcases offer opportunities for Heath students to engage and impress authentic audiences, as well, and messages, "At Heath School, our work is important."

Goal 3: Every Student Prepared for Change and Challenge

From the PSB *Vision, Mission, Core Values & Goals*: Instill in every student the habits of mind and life strategies critical for success in meeting the intellectual, civic, and social demands of life in a diverse, ever-changing, global environment.

Heath School specific challenge: Teachers and student alike must come to recognize the inherent dignity and worth in each person's experience; Heath School will offer myriad opportunities to engage in social justice opportunities, support clubs that uplift historically marginalized groups, promote socio-emotional learning, and serve the community within and beyond the walls of the school.

In order to support this goal, Heath School will:

- Collaborate with the PTO's Diversity Committee and Social Action Committee to ensure that school staff and administration are engaged in a transparent and ongoing dialogue about social justice, service, and civic duty; this work will directly translate into opportunities for students to learn, grow, and engage in service for others.
- Offer opportunities for students and staff to learn and grow together, including, but not limited to:
 - Student Council (Grades 4-8)
 - METCO Connections (K-8)
 - Gay Straight Transgender Alliance (Grades 6-8)
 - African-American/Latino Young Scholars Project (Grades 4-8)
 - School-wide Day of Service
- Utilize methodologies proven to support social-emotional learning for students while providing proven tools for teachers, including, but not limited to:
 - Olweus Anti-Bullying Program (K-8)
 - The Zones of Regulation (K-8)
 - Responsive Classroom (K-5) and Advisory/Developmental Designs (6-8)

Goal 4: Every Educator Growing Professionally

From the PSB *Vision, Mission, Core Values & Goals*: Foster dynamic professional learning communities that inspire inquiry, reflection, collaboration, and innovation, and use data to improve teaching, advance student learning, and refine the programs and practices of the Public Schools of Brookline.

Heath School specific challenge: In order to learn, professionals need adequate space and time to engage in meaningful work, reflect on their practice, and collaborate to solve important problems of practice in an environment where they feel safe, joyful, and valued. These opportunities must promote professional growth and inquiry and lead to learning that has a direct impact on students.

In order to support this goal, Heath School will:

- Establish a crew of teacher-leaders and coaches who, employing the Jim Knight model, are prepared to support teachers hone particular areas of their professional practice (see *Goal 1: Every Student Achieving*).
- Use faculty meetings and teacher collaboration time as professional development, prioritizing collaborative learning that emphasizes student learning, promotes authentic use of student data, and builds professional expertise. Topics to include, but not limited to:
 - Student portfolios/Student led-conferences
 - Response to Intervention
 - Math and ELA
 - Looking at student work
 - Student-engaged assessment
 - Cultural competency
 - Science literacy
 - Interdisciplinary curriculum design
- Provide summer reading books to teachers on topics of student-engaged assessment and portfolios, race and diversity, social media and its impact on students' socio-emotional lives, project-based learning, and more.
- Collaborative problem solving groups, including, but not limited to:
 - Professional Learning Groups
 - Equity-focused Groups

- Critical Friends Groups
- Problem of Practice Groups

Heath School Improvement Plan

Data Points

MCAS

At Heath School, 90% of all students score Proficient or Advanced on the MCAS in ELA, and 87% of all students score Proficient or Advanced on the MCAS in Math. That said:

- That said, 57% of Black students score Needs Improvement or Warning on the MCAS in ELA, and 71% of Black students score Needs Improvement or Warning on the MCAS in Math.
- That said, 16% of Latino students score Needs Improvement or Warning on the MCAS in ELA, and 29% of Latino students score Needs Improvement or Warning on the MCAS in Math.
- That said, 42% of students identified as needing specialized learning support score Needs Improvement or Warning on the MCAS in ELA, and 52% of students identified as needing specialized learning support score Needs Improvement or Warning on the MCAS in Math.

Staff Survey

Heath School teachers desire feedback on their teaching. According to the Spring 2016 Staff Survey:

- 62% of Heath School teachers desired useful feedback on their teaching
- 62% of Heath School teachers wanted feedback that covered all aspects of their work
- 79% of Heath School teachers wanted more frequent feedback
- Teachers also desire more high-impact professional development

Olweus

9% of students grades 3-8 at Heath School report being bullied 2-3 times per month, while 1% of students report actually bullying other students. *This data is well below the national average*.

Building a Culture of Collaboration/ Data Driven Decision-Making					
Heath Actions	Data	Person(s) Responsible	Timeline	Indicators of progress	Resources/Anticipated funding sources
Data Team	<u>Math</u> EOYA Math	Principal/Vice Principal	Team meetings are	Literacy and Math Specialists keep current with data collection	No additional funding required

Data Team quarterly meetings	assessments	CST Team	designated 4	and work with teachers regularly	
will gather data, review data in	BOYA math	Math/Literacy	times yearly	as needed	
math and literacy, and share	assessments	Specialists	to assess data		
data with faculty in order to	Kathy Richardson	Special	and to plan	CST facilitators maintain records	
inform decision-making about	Math Assessments	Education	instruction	of 2014-2015	
curriculum and instruction	Pre- and post- unit	Facilitator			
	assessments	Grade Level		Teachers demonstrate that they	
Review of assessment data by		Teams		use formative and summative	
classroom teachers and student	Literacy			assessment to inform instruction	
services staff three times during	BAS literacy			and curriculum	
the year in order to plan for	assessments				
differentiation to ensure	LLI Data				
appropriate challenge and	Writing rubrics				
monitor progress of students					
requiring additional support and	Other				
intervention	CST data collected in				
	2014-2015 (and				
Strengthen collaboration	beyond)				
through the provision of	Number of Educational				
collaboration time among	Evaluation referrals				
grades 6-8 teachers with an	MCAS data				
emphasis on the use of flexible	Anecdotal data				
grouping to support					
differentiation					
Instructional Coaching	Weekly meeting	Principal	Ongoing	Increase in teacher participation	PTO Grants
Establish a crew of	agendas and notes	Instructional	2016-2019	in coaching	
teacher-leaders and coaches	Professional reflections	Coaches		Increased satisfaction with cycles	District Professional
who, employing the Jim Knight	Collaborative	Specialists		of feedback as reflected in Staff	Development
model, are prepared to support	planning/collaborative	Teachers		Survey (yearly)	T T
teachers hone particular areas of	projects			Impact on student achievement	District and school
1	Increase in teacher			1	funding for stipends
their professional practice					- <u>0</u>

Weekly meetings amongst Instructional Coaches/Specialists to reflect on emerging, high-leverage teaching practices	participation in coaching				
Disciplinary Literacy Initiative (DLI) Support interdisciplinary teams to collectively improve student literacy	Develop an understanding of the DLI model Educate staff, beyond middle school, of the value of the model Develop shared values/shared vocabulary	Principal Middle School DLI Team members Curriculum Coordinators	Ongoing (beginning summer 2016), 2016-2019	Shared values Shared understanding Increased interest Application of new understandings school-wide	District grant
Professional Development With a two-pronged focus (instructional coaching and educational equity), Heath School staff will engage in PD intended promote collaboration and closing the achievement gap Use faculty meetings and teacher collaboration time as professional development, prioritizing collaborative learning that emphasizes student learning, promotes authentic use of student data, and builds professional expertise	PD sessions to include, but not limited to: ELA Math Portfolios PLGs Equity Instructional Coaching Olweus Zones of Regulation ECS RtI	Principal Teacher Teams Instructional Coaches Specialists District-level leadership	Ongoing 2016-2019	Increased collaboration between Specialists and classroom teachers Innovative approaches to closing the achievement gap Increased comfort when engaging in complex conversations about race, class, gender, and other historically marginalized student groups	No additional funding required

Strengthen and expand <u>Child</u> <u>Study Team</u> (CST) to provide timely and effective supports to teachers, students, and parents. As a team there will be increased use of the Neurodevelopmental constructs and attuning process for our K-8 students	Number of CST meetings Number of teachers using CST Chart student success outcomes over time, for those students who have been selected for referral to CST Teacher Feedback on CST	Principal/ CST team members	Ongoing 2016-2019	Problem of Practice, Consultancy, Critical Friends Groups, and All Kinds of Minds will provide models for student-centered, strength-based conversations Time and resources provided to support the team's functioning will remain consistent Teacher survey response to team recommendations/strategies will show that the CST team interventions are successful	District Professional Development District and school funding for stipends
1					
		Social Emot	ional Learning		
Heath Actions	Data	Social Emot Person(s) Responsible	ional Learning Timeline	Indicators of progress	Resources/Anticipated funding sources

Olweus Bullying Prevention Review and analyze data from the Olweus Bullying Questionnaire administered annually to students in grades 3-8. The Bullying Prevention Coordinating Committee will make recommendations for action based on this review Provide opportunities for parent education in the language and strategies of the Olweus program, including meetings and website. Faculty Olweus team will consider the results from this year's survey results in terms of scheduling, class passing times and school building organization	Staff meetings devoted to results discussion of impact of Olweus plan Providing time for teachers and specialists to collaborate around how best to integrate the Olweus program in their classroom to meet their cohort's specific needs Data from Olweus survey from 2013- 2015	Principal/Vice Principal Olweus Team Heath staff	Yearly Olweus Student Survey	Quarterly Olweus team meetings Yearly faculty meetings designated to the discussion of Olweus data Parents informed yearly of results in September, and resources shared at parent meetings and on the school website. Survey results show steady improvement improvement over time.	Stipends for Olweus Leadership Team
Maintain a close relationship with <u>METCO</u> liaisons through consistent collaboration with guidance and school social worker so that services and supports to students are efficient and maximized	Track communication / meetings related to METCO	Principal Guidance Social Worker Metco Staff Steps to Success	Ongoing 2016-2019	Increased collaboration between the school and the METCO program Stronger communication between liaison and classroom teachers. Faculty review of established, common goals for all students. Review of those goals each	No funding needed

				semester	
Continue, expand and improve the <u>Connections Mentoring</u> program so that more students have adult mentors Mentors will receive support in effective ways to work with their mentees and their families	Number of METCO students identified as needing adult mentors Number of faculty participating in mentoring program Tracking quarterly gatherings a year to bring mentors and mentees together in meaningful, social gatherings	Coordinator of program mentors	Ongoing 2016-2019	Mentors feel connected to one another and share ways to support mentees and their families A stronger sense of advocacy emerges from mentors working with other staff members in sharing information they have that can help a student be more successful Seeking best practice from the field through reading articles, journals, etc	School funding to meet needs of struggling families Flexible scheduling and possible Stipend for facilitator to coordinate meetings to support mentors in their role
Expand the <u>Advisory</u> Model into 6th grade, specifically based on the Developmental Design program	Increase the number of teachers trained in Developmental Design Program Number of staff identified to participate as Advisors in the program Decrease the number of students in each Advisory section	Principal and Admin. Team 6-8 Teachers	Ongoing 2016-2019	Positive impact of Advisor-Advisee program results studied from program review, culture feedback and/or surveys administered in 2016 and beyond Student feedback survey about the effectiveness of the advisory program in 2013 to 2015	No additional funding needed

Service Learning Develop a consistent and formal approach to service learning through attendance and certification in a service - learning program of study. (Service Learning Day)	100% of Heath students participating in service learning and the Heath School Day of Service Fair (each spring)	School Council Vice Principal	Ongoing 2016-2019	Share information from accompanying learning experiences at all grade levels with school and community	PTO grants
Heath Actions	Data	Student-Eng Person(s) Responsible	aged Assessmer Timeline	Indicators of progress	Resources/Anticipated funding sources
<u>Mind Set</u> A focus on growth mindset, rather than a fixed mindset	Student response to teacher or peer feedback Teacher collaboration to increase their expertise Teachers applying growth mind set to their own practice	Principal Guidance Teachers	Ongoing 2016-2019	Increased in-class lessons focused on growth mindset Increased use of programs such as MindUp and Brainology Increase in student effort Decrease in student frustration Increased willingness to stick with difficult tasks for longer periods of time longer	PTO Grants
Student-Engaged Assessment: Learning Targets "I can" statements used classrooms to ensure students know the intent of their work, have a clear understanding of the end goal, engage more	Continued PD on using LTs to promote student engagement Teachers actively using LTs during lesson design	Principal Classroom teachers	Ongoing 2016-2019	LTs in use in classrooms Students articulating LTs usefulness Students working towards meeting LTs	No additional funding needed

deeply in the learning process, and are able to take ownership of the quality of their finished products.	LTs models at every staff faculty meeting/PD session				
Student-Engaged Assessment: Student Portfolios Digital Student Portfolios will be launched and maintained in all grade levels, beginning with grades 5-8 (2014-2015) and expanding through the all grade levels	Number of involved K-8 teachers , administration and specialists	Principal/Vice Principal/ Teachers	Ongoing 2016-2019	Completed portfolios will be passed on to next year's teacher in June of each year. Digital portfolio will be used to record student growth over time. Promote reflection, ownership, and sense of purpose in students	No additional funding needed
Student-Engaged Assessment: Student-Led Conferences SLCs require and empower students to take the lead role in communicating their learning.	Students grade 5-8 participate in SLCs each spring, expanding program over 3 years to school-wide	Principal/Vice Principal Teachers	Ongoing 2016-2019		No additional funding needed
Student-Engaged Assessment: <u>Celebrations of Learning</u> Student showcases of their work emphasizing the process each undergoes while learning, and celebrating their beautiful products.	100% of Heath students participating in a celebration of learning (over course of year)	Principal/Vice Principal Classroom teachers Specialists	Ongoing 2016-2019	Completed products 100% of students participating in at least one celebration of learning Evidence of learning goals being met through project-based learning units of study	No additional funding needed

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