

MEMORANDUM

February 24, 2020

TO: Nicole Moore
South Area Superintendent

FROM: Allison Matney, Ed.D.
Officer, Research & Accountability

SUBJECT: **TRANSFORMING THE CLASSROOM ENVIRONMENT IN STRUGGLING SCHOOLS THROUGH TO EDUCATE ALL CHILDREN, 2019–2020**

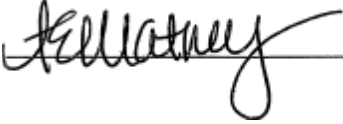
CONTACT: Allison Matney, Ed.D., 713-556-6700

Attached is a copy of the TEACH program evaluation conducted for the South Area Office. The evaluation assessed teachers' perceptions of TEACH and students' distal educational outcomes, including reading, mathematics, attendance, and disciplinary actions over a two-year period. The targeted population was comprised of teachers and students at 25 schools that implemented TEACH in HISD during the 2018–2019 academic year.

Key findings include:

- An overwhelming majority of surveyed teachers indicated that the program was effective and beneficial toward managing the classroom environment; that TEACH strategies can be adapted to their teaching style, and that transitions are smoother between activities when using TEACH.
- On the combined English and Spanish STAAR grades 3–8 reading and mathematics tests, the majority of TEACH elementary campuses showed increases in the percentage of students who scored at or above the Approaches Grade Level standard, while the majority of middle schools had a decrease in reading and an increase in mathematics performance from spring 2018 to spring 2019. High schools and the Secondary DAEP mostly showed an increase or no change in students' performance on the English I EOC exam, while all the schools showed an increase in the percentage of students who scored at or above this standard on the Algebra I EOC exam.
- Paired t-test analyses revealed gains in the mean attendance rates at 73.3% of TEACH elementary campuses and a slight increase at one TEACH middle school from 2018 to 2019.
- The percentage of students with no in-school suspensions moderately increased, while the percentage of students with no out-of-school suspensions slightly decreased from 2018 to 2019.

Further distribution of this report is at your discretion. Should you have any further questions, please contact me at 713-556-6700.

 AEM

Attachment

cc: Grenita Lathan
Silvia Trinh
Yolanda Rodriquez



RESEARCH

Educational Program Report

**TRANSFORMING THE CLASSROOM ENVIRONMENT
IN STRUGGLING SCHOOLS THROUGH TO EDUCATE
ALL CHILDREN (TEACH), 2019–2020**



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EVALUATION REPORT

BUREAU OF PROGRAM EVALUATION

Transforming the Classroom Environment in Struggling Schools through To Educate All Children (TEACH), 2019–2020

Prepared by Venita R. Holmes, Dr.P.H.

Abstract

This program evaluation assessed teachers' perceptions of TEACH and students' distal educational outcomes, including reading, mathematics, attendance, and disciplinary actions over a two-year period. The targeted population was comprised of teachers and students at 25 schools in the Houston Independent School District (HISD) during the 2018–2019 academic year. Among the 68 teachers who responded to a survey on TEACH processes, an overwhelming majority indicated that the coaching was helpful. Teachers considered the program effective and beneficial toward managing the classroom environment. On the End-of-Year Survey, most of the 98 teachers were in agreement that TEACH strategies can be adapted to their teaching style and that transitions are smoother between activities when using TEACH. On the combined English and Spanish STAAR grades 3–8 reading and mathematics tests, the majority of TEACH elementary campuses showed increases in the percentage of students who scored at or above the Approaches Grade Level standard, while the majority of middle schools had a decrease in reading and an increase in mathematics performance from spring 2018 to spring 2019. High schools and the Secondary DAEP mostly showed an increase or no change in students' performance on the English I EOC exam, while all schools showed an increase in the percentage of students who scored at or above this standard on the Algebra I EOC exam. Paired t-test analyses revealed gains in the mean attendance rates at 73.3% of TEACH elementary campuses and a slight increase at one TEACH middle school from 2018 to 2019. Taking into account all TEACH campuses, the percentage of students with no in-school suspensions moderately increased, while the percentage of students with no out-of-school suspensions slightly decreased. More intensive support may be needed, particularly at secondary campuses with large numbers of struggling students, to ensure that maximum benefits of program participation are demonstrated.

Background

Classroom management is predicated on positive student-teacher relationships, which are essential toward creating a highly successful community of learners (Wolk, 2003). Ineffective classroom management may lead to exclusionary disciplinary practices that remove students from classroom learning time, limit their ability to build positive relationships with teachers, and increase risks for school dropout and entry into the juvenile justice system (Bradshaw, O'Brennan, & McNeely, 2008; Fabelo et al., 2011; Bradshaw et al., 2018). The moral, social, and psychological development of youth may be challenged when they are excluded from school along with their ability to gain careers and pursue healthy lifestyles (Farn & Adams, 2016).

To Educate All Children (TEACH) was founded on the premise that healthy, safe, and calm classrooms are essential for student learning. Consequently, the Houston Independent School District (HISD) has implemented TEACH for more than 10 years to

deliver classroom management strategies through campus leadership support, school staff training, parent workshops, videos, and teacher coaching (Figure 1). Campus leadership support consisted of intensive

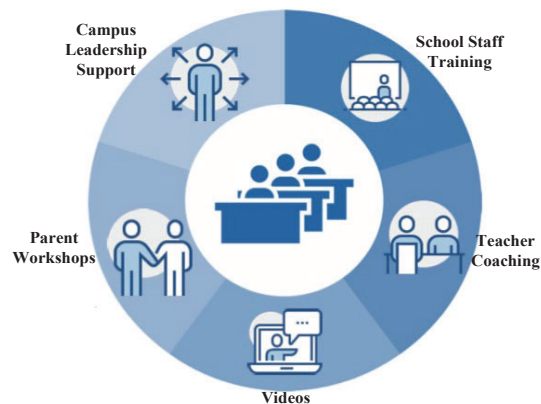


Figure 1: The TEACH Model, 2018–2019



Figure 2: TEACH Educational Coach providing one-on-one written feedback



Figure 3: TEACH Educational Coach sharing real-time feedback

training and coaching to help school leaders implement the TEACH curriculum. School staff training provided small-group sessions to expose teachers to practical classroom management strategies. Workshops educated parents on TEACH skills and trained them on how to transfer acquired skills from school to the home environment. The latest video technology was used to record and replay coaching sessions. Teachers were provided an individual coach to help them implement new skills at their own pace in their classrooms (TEACH, n.d., **Figures 2 and 3**).

During the 2018–2019 academic year, TEACH was implemented in 25 HISD schools, including 15 elementary/K–8 schools and 10 secondary schools (**Appendix A, Table 1**, p. 9). The schools were predominately located in the southern geographical area of Houston (**Appendix B**, p., 10) where the need for additional strategies to improve academic learning among struggling students was in high demand. This was an expansion of TEACH from 14 elementary and middle schools in 2017–2018.

The total enrollment for TEACH schools in 2018–2019 was 15,113 students (**Appendix C, Table 2**, p. 11). The majority of students were economically-disadvantaged (90.3%), African American (56.9%), and male (52.2%). Moreover, students at TEACH schools were far more likely to be African American and economically disadvantaged and far less likely to be gifted/talented than students districtwide.

This evaluation was designed to observe distal educational outcomes of students at campuses where TEACH was implemented

during the 2018–2019 academic year. Moreover, the evaluation assessed teachers' perceptions of the program toward transforming the classroom environment during the current year. The research questions are as follows.

Research Questions:

1. What were the perceptions of teachers regarding TEACH processes and the extent that the program was beneficial toward managing the classroom environment?
2. What was the performance of students at TEACH campuses on the reading and mathematics state assessments in 2019 compared to 2018?
3. What was the impact of TEACH on students' attendance and behavior during the 2018–2019 school year, considering previous year's outcomes?

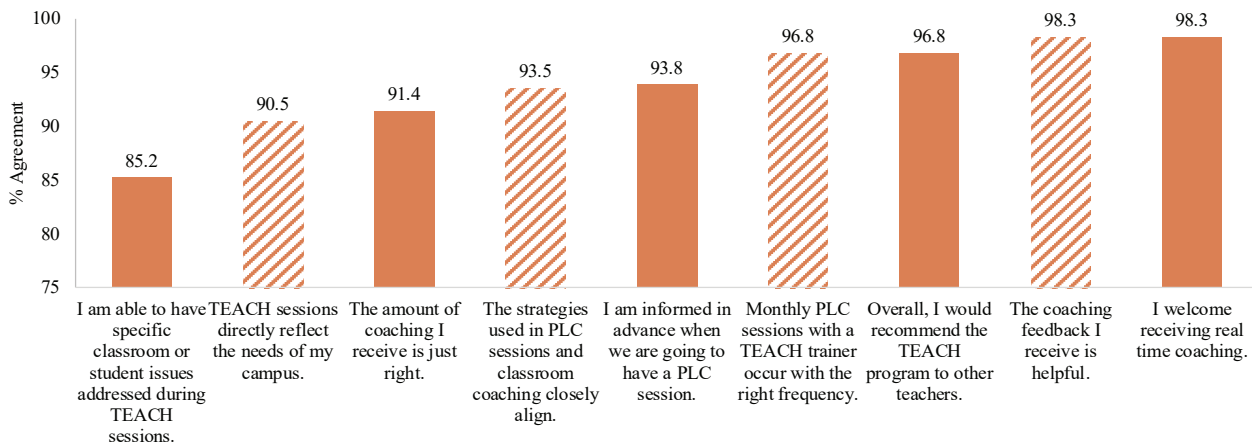
There were several limitations to the study. It was not known whether teachers who completed the Process and End-of-Year surveys had direct exposure to TEACH professional development. However, all teachers and administrators participated in an initial six-hour training on TEACH practices and approximately, 20% to 30% of teachers and administrators participated in real-time, one-on-one coaching. In addition, teacher participation in surveys was voluntary. This may have resulted in selection bias due to the underrepresentation of educators of students in specific subgroups of the population who may have been more influenced by TEACH practices.

Review of the Literature

African American students are more likely to experience exclusionary discipline in elementary and secondary schools compared to their peers, while Latino and Native American secondary school students also experience disproportionately high rates of exclusionary discipline compared to White students (Losen, Hodson, Ee, & Martinez, 2015; Losen, Hodson, Keith, Morrison, & Belway, 2015). To offset these disparities, the research has shown that creating a positive classroom environment fosters essential developmental skills in students, such as acceptance and determination, to be successful in academic areas and in future careers (Corradino & Fogarty, 2016). Positive classroom environments require the implementation of a continuum of classroom management strategies by teachers (Jones, Jones, & Vermete, 2013), including subtle redirections, non-verbal prompts, and proximity (Larriee, 2009; Kellogg & Lawson, 1993).

A randomized-controlled trial conducted by Bradshaw et al. (2018) found that coaching and ongoing support and professional development helped teachers adopt culturally-responsive classroom management practices using a structured problem-solving approach. The study documented significantly more proactive behavior management practices, anticipation of student problems by teachers, higher student cooperation, and fewer disruptive behaviors in classrooms led by coached teachers relative to comparison-group teachers, particularly among African American students. Professional development on classroom management and coaching was found to improve teachers' ability to transfer skills gained through these learning opportunities (Bush, 1984; Centers for Disease Control and Prevention, 2009; Truesdale, 2003; Holland, 2005). Consequently, student achievement was higher in schools with strong learning communities, where collective responsibility, collaboration and collegiality among

TEACH Process Survey, 2018-2019

**Figure 5:** Teacher Process Survey results, 2018–2019

receiving real time coaching” (98.3%) and “the coaching feedback received was helpful” (98.3%). Another notable finding was that 93.5% of the sample perceived that “strategies used in PLC sessions and classroom coaching closely align.” Moreover, 90.5% of respondents noted that TEACH sessions directly reflect the needs of their campus. The highest level of disagreement was on the survey item “I am able to have specific classroom or student issues addressed during TEACH sessions” (14.8%). Nevertheless, 96.8% of respondents indicated that they would recommend the TEACH program to other teachers.

TEACH End-of-Year Survey results are shown in **Figure 6** (Part I) and **Figure 7** (Part II) for 98 respondents. The largest majority of respondents agreed that “TEACH strategies support and can be adapted to my personal teaching style” (95.6%) and “transitions are smoother between activities when using TEACH strategies” (95.5%) (Figure 7a). The highest level of disagreement on the End-of-Year Survey was “Group sessions with TEACH are a good use of my time” (13.3%).

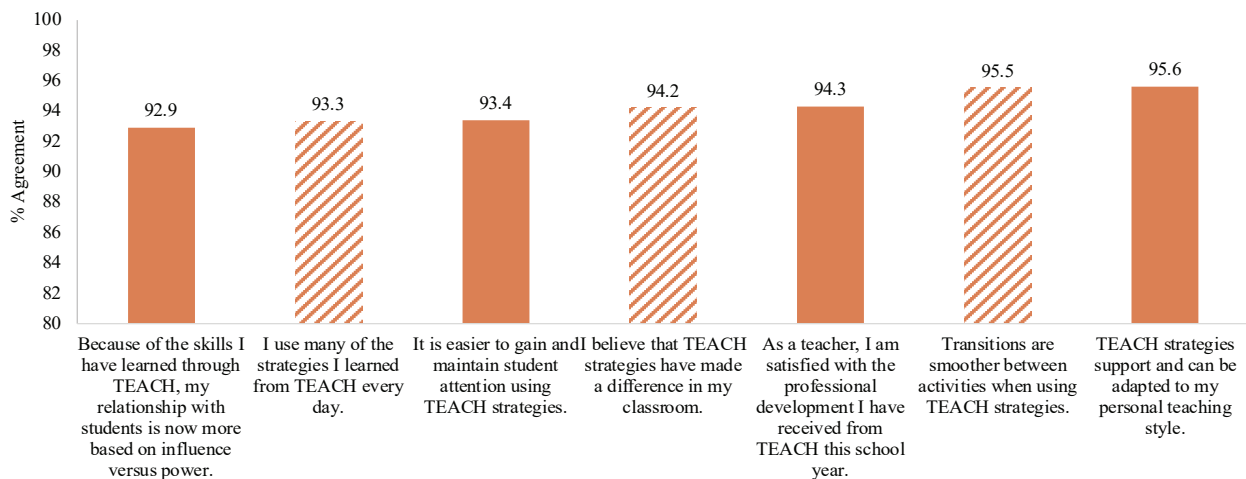
When asked what were the most helpful components of TEACH, the highest percentage of respondents indicated “coaching” (59%). In addition, 38% of respondents replied that “professional learning communities (PLCs)” is the most helpful component of TEACH.

What was the performance of students at TEACH campuses on the reading and mathematics state assessments in 2019 compared to 2018?

To detect changes in students’ performance in reading and mathematics over time, the spring 2018 and spring 2019 combined English and Spanish STAAR grades 3–8 tests in the content areas were used for TEACH elementary, K–8, and middle schools. STAAR English I EOC and Algebra I EOC exams were used to measure the academic performance of students at TEACH high schools and the Secondary Disciplinary Alternative Education Program (DAEP). Students’ performance on the first administration of the tests based on the percent at or above Approaches Grade Level standard was presented in this evaluation. The results can be found in **Appendix E** (p. 13). Changes in campus-level student performance, from 2018 to 2019, are discussed below.

Figure 8 (p. 5) reflects the change in students’ reading STAAR performance at TEACH elementary/K–8 campuses from spring 2018 to spring 2019. It is evident that the majority of elementary/K–8 campuses showed increases in the percentage of students at or above the Approaches Grade Level standard from 2018 to 2019 in reading and mathematics (67% and 53%, respectively).

TEACH, End-of-Year Survey, 2018-2019 (Part I)

**Figure 6:** Teacher End-of-Year Survey results, 2018–2019

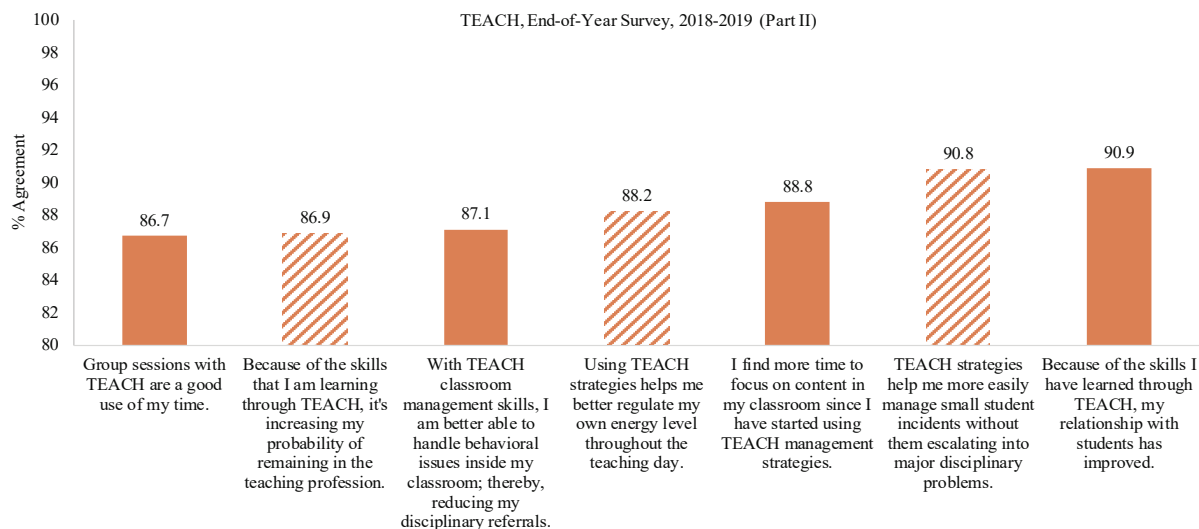


Figure 7: Teacher End-of-Year Survey results, 2018–2019

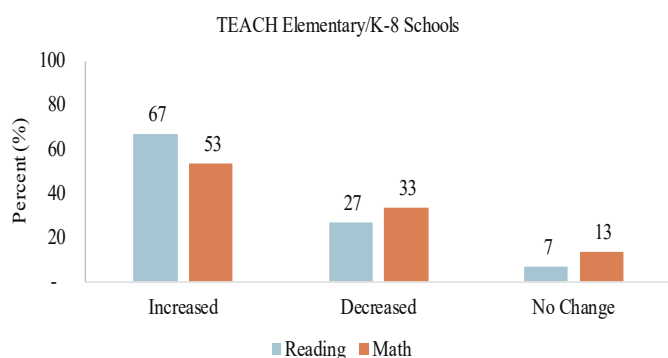


Figure 8: Changes in percent at or above Approaches Grade Level, TEACH elementary/K–8 schools, 2018 to 2019

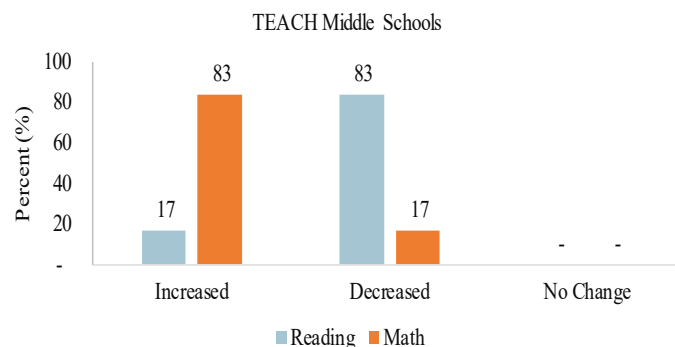


Figure 9: Changes in percent at or above Approaches Grade Level, TEACH middle schools, 2018 to 2019

Figure 9 shows the change in students' reading and mathematics STAAR performance at TEACH middle schools from spring 2018 to spring 2019. The majority of campuses had a decrease in the percentage of students at or above the Approaches Grade Level standard in reading (83%) and an increase in the percentage of students at or above the standard in mathematics over the two years (83%).

Figure 10 reflects the change in students' STAAR English I and Algebra I EOC performance at TEACH high schools and the Secondary DAEP from spring 2018 to spring 2019. It is evident that 50% of the campuses had an increase and 50% had no change in their performance on the English I EOC exam. In addition, 100% of the campuses showed an increase in the percentage of students at or above the Approaches Grade Level standard on the Algebra I EOC.

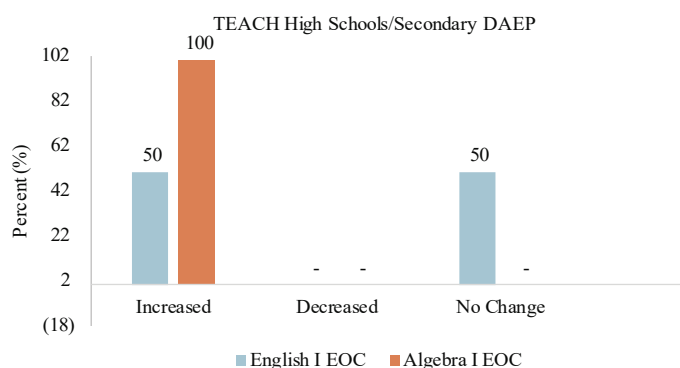


Figure 10: Changes in percent at or above Approaches Grade Level, TEACH high schools/Secondary DAEP, 2018 to 2019

What was the impact of TEACH on students' attendance and behavior during the 2018–2019 school year, considering previous year's outcomes?

A paired t-test was conducted to determine the impact of TEACH on attendance at targeted schools. The attendance rates were aggregated by school for the 2017–2018 (pretest) and the 2018–2019 (posttest) academic years. The findings are depicted in **Appendix F (Table 5, p. 14)** by school, which includes the mean, mean difference, and significance testing results.

A summary of the mean attendance rates by elementary/K–8 schools are shown in **Figure 11a** (p. 6). It is evident that eleven of the fifteen (73.3%) schools showed an increase in attendance rates, two had no change (13.3%), and two schools had a decrease (13.3%) in attendance rates from 2018 to 2019. Positive changes at Ashford, Bastian, Blackshear, Garden Oaks K–8, Mading, Mitchell, and Wesley were statistically significant ($p < .05$).

Figure 11b (p. 6) depicts the mean attendance rates at TEACH middle schools from 2017–2018 to 2018–2019. There was a decrease in the mean attendance rates at five of the six middle

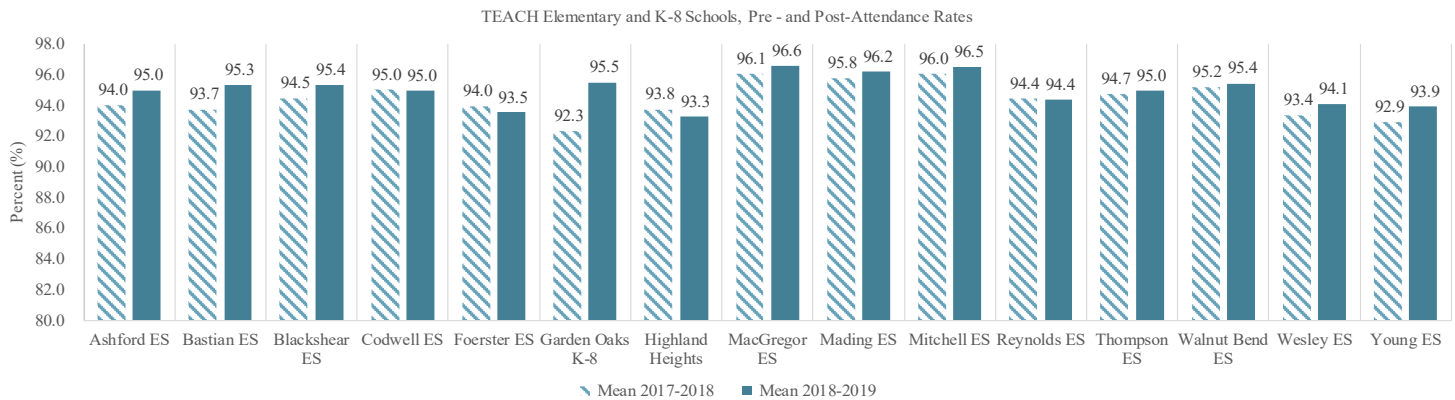


Figure 11a: Mean attendance based on paired t-test analyses at TEACH elementary/K–8 schools, 2017–2018 vs. 2018–2019

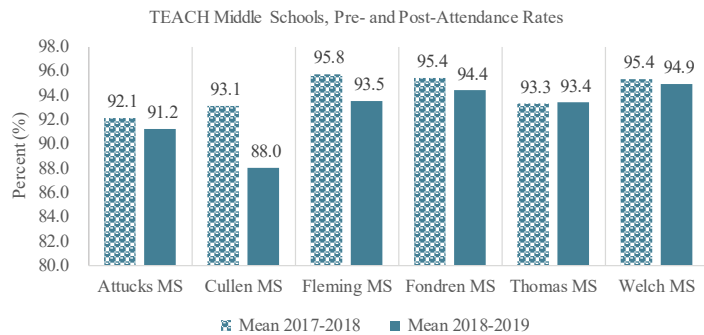


Figure 11b: Mean attendance, paired t-test analyses at TEACH middle schools, 2017–2018 vs. 2018–2019

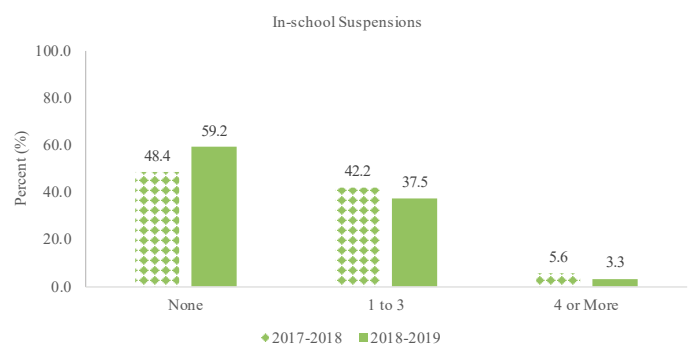


Figure 12a: In-school suspensions, all TEACH schools, 2017–2018 vs. 2018–2019

schools (83.3%), while the attendance rate at one school remained unchanged (16.7%) over the two-year period. The decreases at Attucks, Cullen, Fleming, and Fondren were statistically significant ($p < .05$).

The mean attendance rates at the four TEACH high schools/Secondary DAEP decreased from 2018 to 2019 (Figure 11c). The largest decrease was at the Secondary DAEP by 9.41 points. This may be due to the transient nature of the student population. The decreases were statistically significant ($p < .05$).

Disciplinary actions were used to measure the impact of TEACH on students' behavior in school. Unduplicated student counts of in-school suspensions and out-of-school suspensions for the 2017–2018 and the 2018–2019 academic years were assessed at the campus level.

Figure 12a shows a moderate increase in the percentage of students with no in-school suspensions from 2017–2018 to 2018–2019 at all TEACH campuses. Moreover, there were moderate decreases in the percentage of students with 1 to 3 and with 4 or more in-school suspensions.

Figure 12b shows the out-of-school suspension rates for students at all TEACH campuses from 2017–2018 to 2018–2019. There was a decrease in the percentage of schools with no out-of-school suspensions. In addition, there was a slight decrease in the percentage of students with 1 to 3 out-of-school suspensions and a moderate increase in the percentage of students with 4 or more out-of-school suspensions.

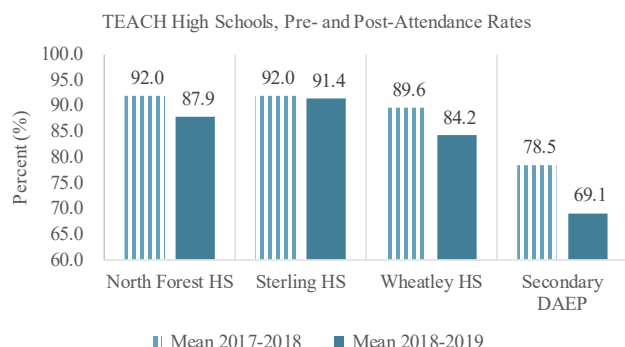


Figure 11c: Mean attendance, paired t-test analyses at TEACH high and Secondary DAEP schools, 2017–2018 vs. 2018–2019

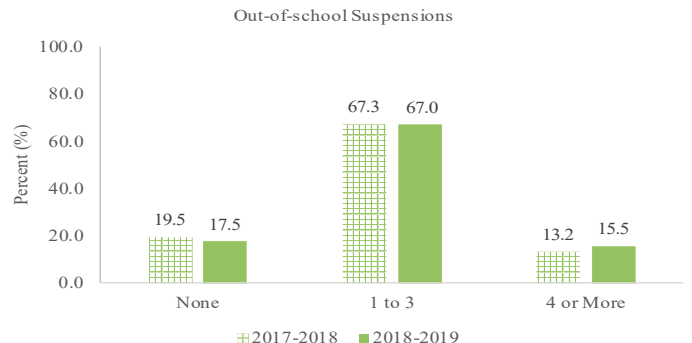


Figure 12b: Out-of-school suspensions, all TEACH Schools, 2017–2018 vs. 2018–2019

Discussion

A positive school culture is pivotal toward improving student behavior (Wang et al., 1997). Embedded teacher professional development, that includes coaching and feedback, have the potential to build on effective classroom management strategies (Blank & de las Alas, 2009). TEACH provides educators with tools to create a calm, safe environment for students. This collaborative model is aimed to build student's confidence to perform better in school and reinforce student learning, which is consistent with the research (Little, 1993; Newmann & Wehlage, 1993; Louis & Marks, 1998).

This program evaluation assessed teachers' perceptions of TEACH and students' distal educational outcomes, including reading, mathematics, attendance, and disciplinary actions over a two-year period. The targeted population was comprised of teachers and students at 15 elementary/K–8 and 10 secondary campuses that implemented the TEACH model in HISD during the 2018–2019 academic year. Among the 68 teachers who responded to a survey on TEACH processes, an overwhelming majority indicated that they welcome real-time coaching and that the coaching was helpful. Additional comments revealed that teachers considered the program effective and beneficial toward managing the classroom environment. On the End-of-Year Survey, most teachers were in agreement that TEACH strategies support and can be adapted to their teaching style and that transitions are smoother between activities when using TEACH strategies. On the combined English and Spanish STAAR grades 3–8 reading and mathematics tests, the majority of elementary/K–8 campuses showed increases in the percentage of students who scored at or above the Approaches Grade Level standard in reading and mathematics, while the majority of middle schools had a decrease in reading and an increase in mathematics performance from spring 2018 to spring 2019. In addition, the high schools/Secondary DAEP campuses mostly showed an increase or no change in students' performance on the English I EOC exam, while all schools showed an increase in the percentage of students at or above the Approaches Grade level standard on the Algebra I EOC exam.

Paired t-test analyses showed gains in the mean attendance rates at 73.3% of TEACH elementary/K–8 campuses and a slight increase at one of the TEACH middle schools from 2017–2018 to 2018–2019. TEACH high schools and the Secondary DAEP showed decreases in attendance rates over the same time period. Taken in account all TEACH schools, the percentage of students with no in-school suspensions increased; however, there was a slight decrease in the percentage of students with no out-of-school suspensions from 2017–2018 to 2018–2019.

Considering these findings, school administrators should ensure that all teachers have access to TEACH, particularly at the secondary level, and that students are equally exposed to TEACH strategies and practices through their teachers and administrators. Conducting periodic progress monitoring of teachers' implementation of TEACH strategies throughout the year may help to ensure consistent use of the program and its components.

References

Blank, R. K., & de las Alas, N. (2009). Effects of teacher professional development on gains in student achievement: How meta analysis provides scientific evidence useful to education leaders.

Washington, DC: The Council of Chief State School Officers. Retrieved from, <http://www.ccsso.org/content/pdfs/Final%20Meta%20Analysis%20Paper%20full.pdf>

Bradshaw, C. P., O'Brennan, L. M., & McNeely, C. A. (2008). Core competencies and the prevention of school failure and early school leaving. *New Directions for Child and Adolescent Development*, 122, 19–32. doi:10.1002/cd.226

Bradshaw, C. P., Pas, E. T., Bottiani, J. H., Debnam, K. J., Reinke, W. M., Herman, K. C., ... Gregory, A. (2018). Promoting Cultural Responsivity and Student Engagement Through Double Check Coaching of Classroom Teachers: An Efficacy Study. *School Psychology Review*, 47(2), 118. <https://doi.org/10.17105/SPR-2017-0119.V47-2>

Bush, R. N. (1984). Effective staff development in making schools more effective: Proceedings of three state conferences. San Francisco, CA: Far West Laboratory.

Bush, R. N. (1984). Effective staff development in making schools more effective: Proceedings of three state conferences. San Francisco, CA: Far West Laboratory.

Corradino, C. & Fogarty, K. (2016). Positive emotions and academic achievement. Retrieved from https://steinhardt.nyu.edu/appsyh/opus/issues/2016/spring/corradino_fogarty

Centers for Disease Control and Prevention. (2009). Fostering School Connectedness: Improving School Health and Academic Achievement. Retrieved from, https://www.cdc.gov/healthyyouth/protective/pdf/connectedness_teachers.pdf

Darling-Hammond, L., Chung Wei, R., Andree, A., & Richardson, N. (2009). Professional learning in the learning profession: A status report on teacher development in the United States and abroad. Oxford, OH: National Staff Development Council.

Fabelo, T., Thompson, M. D., Plotkin, M., Carmichael, D., Marchbanks, M. P., III, & Booth, E. A. (2011). Breaking schools' rules: A statewide study of how school discipline relates to students' success and juvenile justice involvement. New York, NY: Council of State Governments Justice Center, Public Policy Research Institute at Texas A&M University. Retrieved from http://justicecenter.csg.org/files/Breaking_Schools_Rules_Report_Final.pdf.

Farn, A. & Adams, J. (2016). Education and interagency collaboration: A lifeline for justice-involved youth. Washington, DC: Center for Juvenile Justice Reform, Georgetown University McCourt School of Public Policy. Available from http://cjjr.georgetown.edu/wp-content/uploads/2016/08/Lifeline-for-Justice-Involved-Youth_August-2016.pdf.

Fitzpatrick, C., Conlon, A., Cleary, D., et al. (2013). Enhancing the mental health promotion component of a health and personal development programme in Irish schools. *Adv Sch Ment Health Promot.* 6(2):122–38. [PMC free article] [PubMed]

Garet, M. S., Porter, A. C., Desimone, L., Birman, B. F., & Yoon, K. S. (2001). What makes professional development effective? Results from a national sample of teachers. *American Educational Research Journal*, 38(4), 915–945. doi:10.3102/00028312038004915.

Greenberg, M. T., Weissberg, R. P., O'Brien, M. U., Zins, J. E., Fredericks, L., Resnik, H., & Elias, M. J. (2003). Enhancing school-based prevention and youth development through coordinated social, emotional, and academic learning. *American Psychologist*, 58, 466–474. doi: 10.1037/0003-066X.58.6-7.466.

Gregory, A., Cornell, D., Fan, X., Sheras, P., Shih, T., & Huang, F. (2010). Authoritative school discipline: High school practices associated with lower student bullying and victimization. *Journal of Educational Psychology*, 102, 483–496. doi:10.1037/a0018562

Holland, H. (2005). *Teaching Teachers: Professional Development To Improve Student Achievement*. AERA Research Points, 3(1). Retrieved from <https://files.eric.ed.gov/fulltext/ED491587.pdf>

Houston Independent School District. (2019). STAAR Grades 3-8 Spring 2018. Retrieved from <https://www.houstonisd.org/site/handlers/filedownload.ashx?moduleinstanceid=96404&dataid=225000&FileName=2018%20STAAR%203-8%20Report.pdf>

Jones, K. A., Jones, J. L., & Vermete, P. J. (2013). Exploring the Complexity of Classroom Management: 8 Components of Managing a Highly Productive, Safe, and Respectful Urban Environment. *American Secondary Education*, 41(3), 21. Retrieved from <http://search.ebscohost.com/login.aspx?direct=true&AuthType=shib&db=f5h&AN=89935757&site=eds-live&scope=site>

Kellogg, P., & Lawson, B. (1993). *Envoy: Your personal guide to classroom management*. Battle Ground, WA: Mga Pub Consortium.

Kerr, D., Ireland, E., Lopes, J., Craig, R., & Cleaver, E. (2004). *Citizenship education longitudinal study: Second annual report: First longitudinal study*. Retrieved from <https://www.education.gov.uk/publications/eOrderingDownload/RB531.pdf>

Larrivee, B. (2009). *Authentic classroom management: Creating a learning community and building reflective practice*. Boston, MA: Allyn and Bacon.

Little, J. W. (1993). Teachers' professional development in a climate of educational reform. *Educational Evaluation & Policy Analysis*, 15(2), 129–151.

Losen, D. J., Hodson, C., Ee, J., & Martinez, T. (2015). Disturbing inequities: Exploring the relationship between racial disparities in special education identification and discipline. In D. J. Losen (Ed). *Closing the school discipline gap: Equitable remedies for excessive exclusion* (pp. 89–106). New York, NY: Teachers College Press.

Losen, D., Hodson, C., Keith, M. A., II, Morrison, K., & Belway, S. (2015). *Are we closing the school discipline gap?* Los Angeles, CA: The Center for Civil Rights Remedies at the Civil Rights Project, University of California Los Angeles. Retrieved from http://civilrightsproject.ucla.edu/resources/projects/center-for-civil-rights-remedies/school-to-prison-folder/federal-reports/are-we-closing-the-school-discipline-gap/AreWeClosingTheSchoolDisciplineGap_FINAL221.pdf.

Louis, K. S., & Marks, H. M. (1998). "Does Professional Community Affect the Classroom? Teachers' Work and Student Experiences in Restructuring Schools." *American Journal of Education*, Vol. 106, pp. 532–575.

Newmann, F., & Wehlage, G. (1993). Five standards of authentic instruction. *Educational Leadership* 50, no. 7:8–12.

Stracuzzi, N., & Mills, M. (2010). *Teachers matter: Feelings of school connectedness and positive youth development among Coos County youth*. New England.

TEACH. (n.d.). About TEACH. Retrieved from <http://www.toeducateallchildren.org/>

Texas Education Agency. (2017). *State of Texas Assessments of Academic Skills (STAAR®) performance labels and policy definitions*. Retrieved from https://tea.texas.gov/...assessment/STAAR_Performance_Labels_and_Policy_Definitions.pdf

Truesdale, W. T. (2003). *The implementation of peer coaching on the transferability of staff development to classroom practice in two selected Chicago public elementary schools*. Dissertation Abstracts International, 64 (11), 3923.

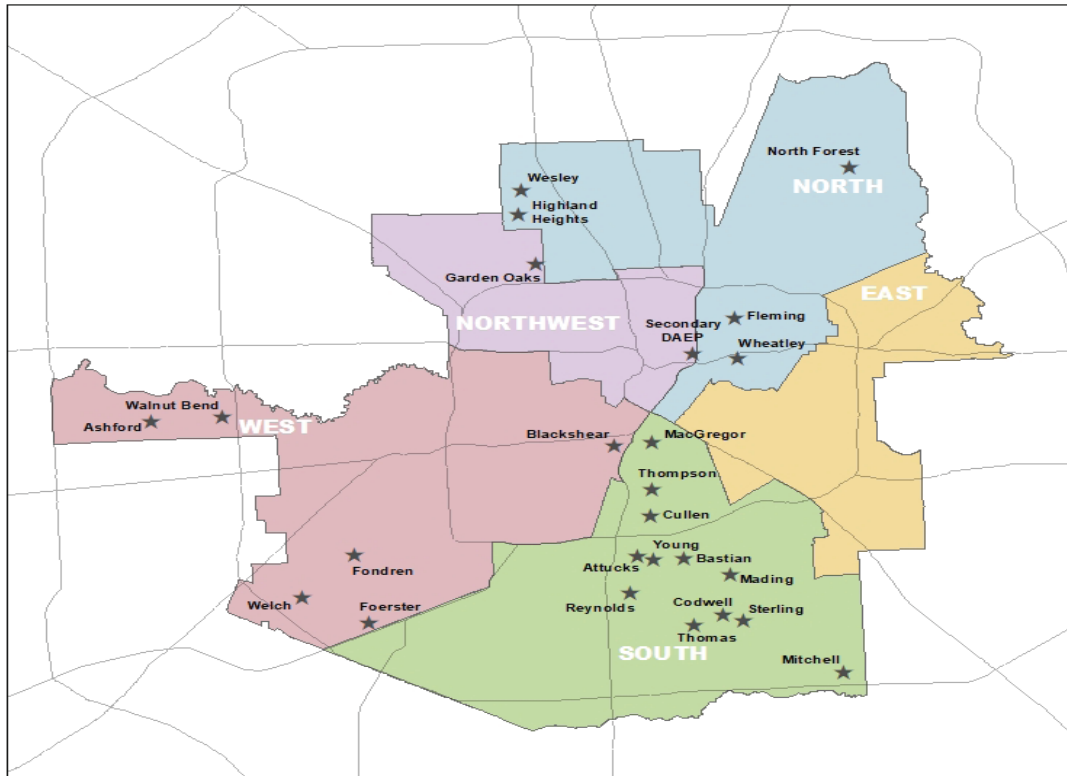
Wang, M. C., Haertel, G. D., & Walberg, H. J. (1997). Learning influences, in: H. J. Walberg and G. D. Haertel (eds) *Psychology and Educational Practice* (Berkley, CA: McCuthan), pp. 199–211.

Wolk, S. (2003). Hearts and minds. *Educational Leadership*, 61(1), 14–18.

Appendix A

Table 1: TEACH Program Implementation in HISD by School as of 2018–2019	
TEACH Schools	Number of Years Participating in TEACH
Elementary/K–8 Schools	
Ashford ES	1
Bastian ES	1
Blackshear ES	1
Codwell ES	1
Foerster ES	1
Garden Oaks K–8	4
Highland Heights ES	1
MacGregor ES	4
Mading ES	5
Mitchell ES	3
Reynolds ES	1
Thompson ES	2
Walnut Bend ES	4
Young ES	1
Wesley ES	1
Secondary Schools	
Attucks MS	3
Cullen MS	6
Secondary DAEP	2
Fleming MS	1
Fondren MS	1
North Forest HS	1
Sterling HS	1
Thomas MS	2
Welch MS	1
Wheatley HS	2
Note: ES = Elementary ; MS = Middle School, DAEP = Disciplinary Alternative Education Program	

Appendix B



Appendix C

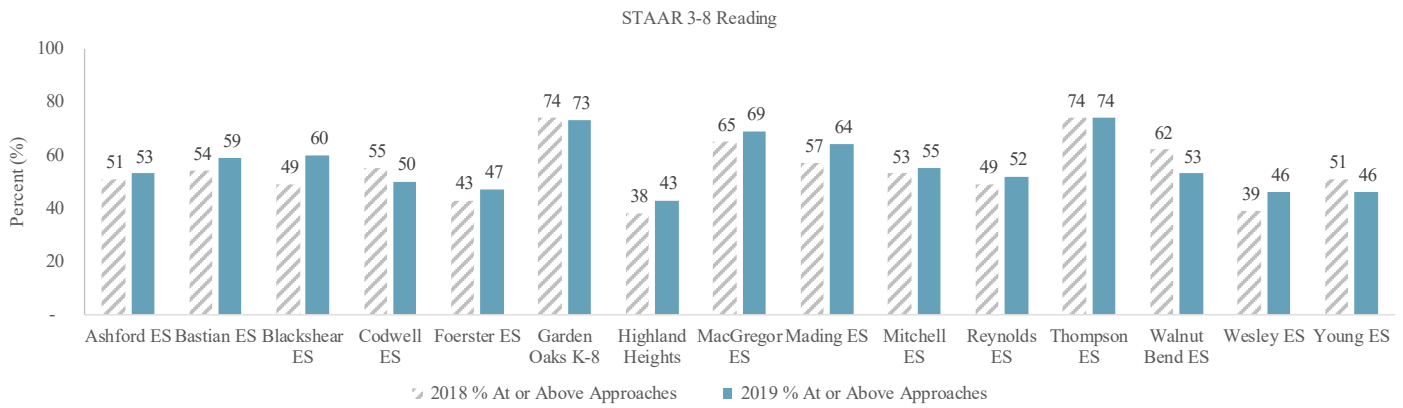
Table 2: Student Demographic Characteristics, 2018–2019				
	TEACH Students		Districtwide	
	N 15,113	%	N 209,040	%
Race/Ethnicity				
Asian/Pacific Islander	174	1.2	8,868	4.2
African American	8,606	56.9	48,920	23.4
Hispanic	5,617	37.2	129,909	62.1
American Indian	23	0.2	350	0.2
Two or More Races	144	1.0	2,578	1.2
White	549	3.6	18,415	8.8
Gender				
Female	7,218	47.8	103,189	49.4
Male	7,895	52.2	105,851	50.6
Eco Disadvantaged	13,648	90.3	167,106	79.9
Special Education	1,577	10.4	15,469	7.4
Gifted/Talented (G/T)	862	5.7	33,111	15.8
English Learners	3,615	24.9	66,394	31.6
Source: Chancery and PEIMS databases				

Appendix D

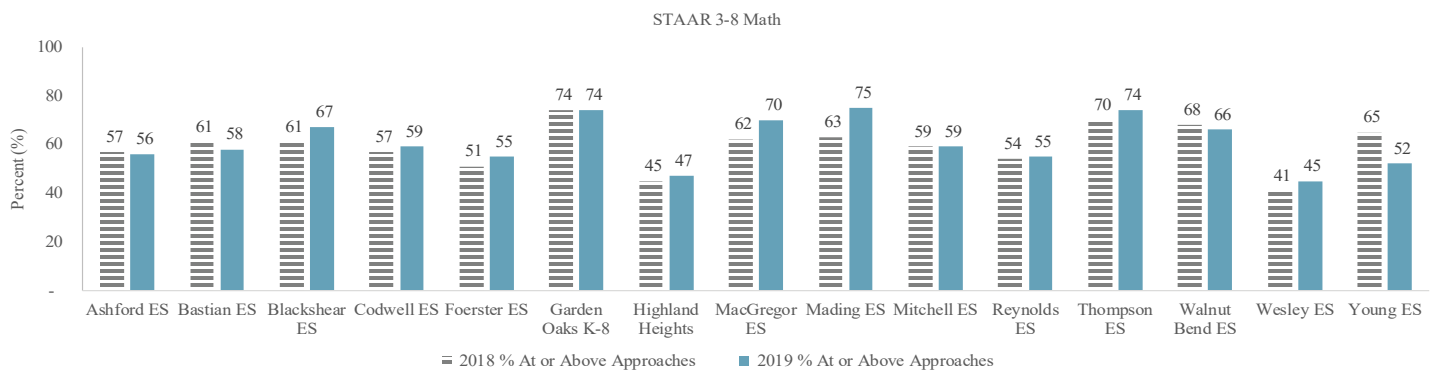
Table 3: Teacher Process Survey Results, 2018–2019 (n=68)					
Survey Items	Strongly Agree	Agree	Disagree	Strongly Disagree	N/A
	%	%	%	%	%
I am informed in advance when we are going to have a PLC session.	50.0	39.7	4.4	1.5	4.4
Monthly PLC sessions with a TEACH instructor occur with the right frequency.	33.8	55.9	1.5	1.5	7.4
TEACH sessions directly reflect the needs of my campus.	38.8	46.3	6.0	3.0	6.0
I am able to have specific classroom or student issues addressed during TEACH sessions.	36.8	39.7	10.3	2.9	10.3
The amount of coaching I receive is just right.	32.4	45.6	5.9	1.5	14.7
The coaching feedback I receive is helpful.	41.2	42.6	0.0	1.5	14.7
I welcome receiving real time coaching.	44.1	42.6	1.5	0.0	11.8

Table 4: Teacher End-of-Year Survey Results, 2018–2018 (n=98)					
Survey Items	Strongly Agree	Agree	Disagree	Strongly Disagree	N/A
	%	%	%	%	%
Because of the skills that I am learning through TEACH, it's increasing my probability of remaining in the teaching profession.	21.4	53.1	7.1	4.1	14.3
Because of the skills I have learned through TEACH, my relationship with students has improved.	27.6	54.1	6.1	2.0	10.2
Because of the skills I have learned through TEACH, my relationship with students is now more based on influence versus power.	25.5	55.1	3.1	3.1	13.3
TEACH strategies help me more easily manage small student incidents without them escalating into major disciplinary problems.	25.5	55.1	7.1	1.0	11.2
I believe that TEACH strategies have made a difference in my classroom.	29.9	53.6	3.1	2.1	11.3
Using TEACH strategies helps me better regulate my own energy level throughout the teaching day.	29.6	46.9	9.2	1.0	13.3
I find more time to focus on content in my classroom since I have started using TEACH management strategies.	25.0	49.0	8.3	1.0	16.7
Group sessions with TEACH are a good use of my time.	21.6	58.8	9.3	3.1	7.2
I use many of the strategies I learned from TEACH every day.	28.6	57.1	5.1	1.0	8.2
TEACH strategies support and can be adapted to my personal teaching style.	31.6	56.1	3.1	1.0	8.2
As a teacher, I am satisfied with the professional development I have received from TEACH this school year.	32.7	51.0	3.1	2.0	11.2
It is easier to gain and maintain student attention using TEACH strategies.	32.7	54.1	4.1	2.0	7.1
Transitions are smoother between activities when using TEACH strategies.	31.6	55.1	2.0	2.0	9.2
With TEACH classroom management skills, I am better able to handle behavioral issues inside my classroom; thereby, reducing my disciplinary referrals.	25.8	50.5	9.3	2.1	12.4

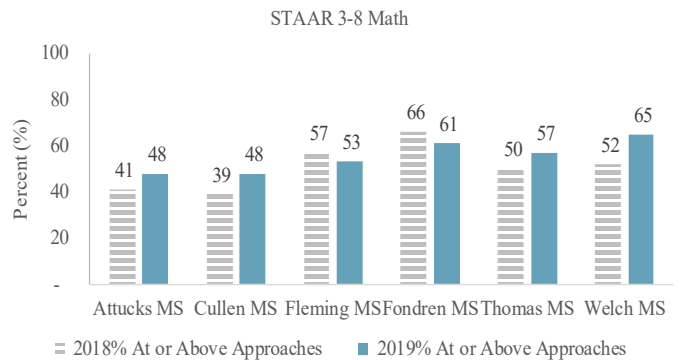
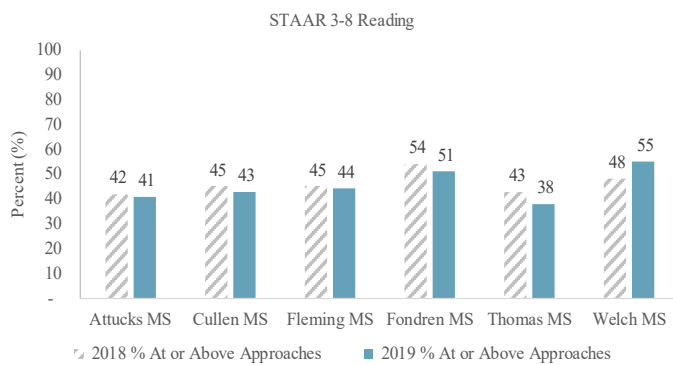
Appendix E



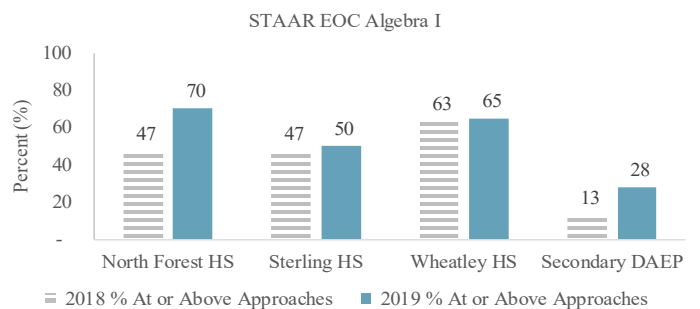
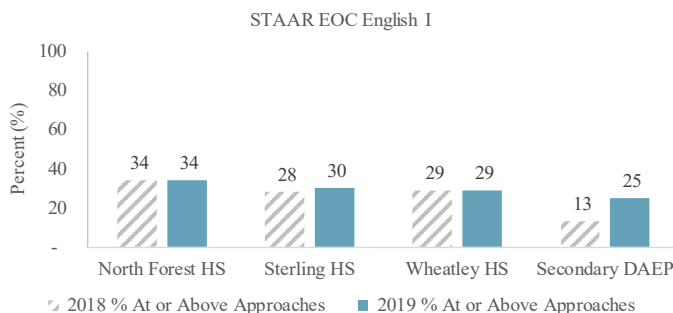
STAAR 3-8 combined English and Spanish reading, first administration only, TEACH elementary/K–8 schools 2018 vs. 2019



STAAR 3-8 combined English and Spanish math, first administration only, TEACH elementary/K–8 schools, 2018 vs. 2019



STAAR 3-8 combined English and Spanish mathematics, first administration only, TEACH middle schools, 2018 vs. 2019



STAAR EOC, first administration only, TEACH high schools/Secondary DAEP, 2018 vs. 2019

Appendix F

Table 5: Paired T-test Attendance Analyses by TEACH Elementary Schools, 2017–2018 vs. 2018–2019

TEACH Elementary/K–8 Schools	Mean 2017–2018	Mean 2018–2019	N	Mean Diff.	Std. Devia.	t	df	Sig. (2-tailed)
Ashford ES	94.0	95.0	434	0.96	7.99402	2.499	433	.013*
Bastian ES	93.7	95.3	568	1.56	6.15824	6.041	567	.000*
Blackshear ES	94.5	95.4	323	0.89	4.68383	3.415	322	.001**
Codwell ES	95.0	95.0	345	(0.08)	4.21568	-.337	344	.736
Foerster ES	94.0	93.5	548	(0.43)	7.07910	-1.413	547	.158
Garden Oaks K–8	92.3	95.5	694	3.19	17.33771	4.845	693	.000***
Highland Heights ES	93.8	93.3	396	(0.48)	5.85006	-1.632	395	.103
MacGregor ES	96.1	96.6	489	0.50	8.35016	1.317	488	.189
Mading ES	95.8	96.2	363	0.40	3.37137	2.251	362	.025*
Mitchell ES	96.0	96.5	264	0.43	3.10814	2.272	263	.024*
Reynolds ES	94.4	94.4	366	(0.07)	5.69606	-.227	365	.821
Thompson ES	94.7	95.0	321	0.23	5.32608	.789	320	.431
Walnut Bend ES	95.2	95.4	514	0.24	5.61269	.986	513	.324
Wesley ES	93.4	94.1	263	0.71	4.47876	2.585	262	.010*
Young ES	92.9	93.9	226	0.97	9.87878	1.483	225	.139

Table 4: Paired T-test Attendance Analyses by TEACH Middle Schools, 2017–2018 vs. 2018–2019

TEACH Middle Schools	Mean 2017–2018	Mean 2018–2019	N	Mean Diff.	Std. Devia.	t	df	Sig. (2-tailed)
Attucks MS	92.1	91.2	407	(0.93)	6.94263	-2.704	406	.007**
Cullen MS	93.1	87.8	320	(5.32)	9.27923	-10.248	319	.000***
Fleming MS	95.8	93.5	456	(2.21)	5.25614	-8.978	455	.000***
Fondren MS	95.4	94.4	942	(1.06)	4.99836	-6.485	941	.000***
Thomas MS	93.3	93.4	516	0.09	7.04686	.293	515	.769
Welch MS	95.4	94.9	619	(0.42)	6.36993	-1.623	618	.105

Table 5: Paired T-test Attendance Analyses by TEACH High Schools, 2017–2018 vs. 2018–2019

TEACH High/Secondary DAEP Schools	Mean 2017–2018	Mean 2018–2019	N	Mean Diff.	Std. Devia.	t	df	Sig. (2-tailed)
North Forest HS	92.0	87.9	887	(4.04)	9.89852	-12.144	886	.000***
Sterling HS	92.0	91.4	1355	(0.64)	7.35710	-3.216	1354	.001**
Wheatley HS	89.6	84.2	797	(5.35)	11.36442	-13.298	796	.000***
Secondary DAEP	78.5	69.1	118	(9.41)	14.68020	-6.963	117	.000***

Statistical Significance:

*p< .05

**p<.01

***p<.001