

Killingly Public Schools District Midyear Update

2/12/20



Accountability Systems Serve Important Purposes

- ▶ Track progress
- ▶ Help schools and districts make improvements
- ▶ Show where support is needed most
- ▶ Recognize successes
- ▶ Promote transparency
- ▶ Satisfy federal and state requirements

Connecticut Next Generation Accountability System for Districts and Schools

- ▶ Provides a more complete picture of a school or district
- ▶ Guards against narrowing of the curriculum to the tested subjects
- ▶ Expands ownership of accountability to all staff
- ▶ Allows schools to demonstrate progress on “outcome pre-cursors”
- ▶ Encourages leaders to view accountability results not as a “gotcha” but as a tool to guide and track improvement efforts
- ▶ Developed by CT Department of Education with extensive feedback from district and school leaders, Connecticut educators, state and national experts, CSDE staff, and many others

Review of the 12 Next Generation Indicators

1. Academic achievement (Performance Index) ^H
2. Academic growth ^H
3. Assessment participation rate ^H
4. Chronic absenteeism ^H
5. Preparation for postsecondary and career readiness - coursework
6. Preparation for postsecondary and career readiness - exams
7. Graduation - on track in ninth grade
8. Graduation - four-year adjusted cohort
9. Graduation - six-year adjusted cohort ^H
10. Postsecondary Entrance Rate
11. Physical fitness
12. Arts access

^H Separate set of points allotted for “High Needs” (students from low-income families, English learners (ELs), or students with disabilities)

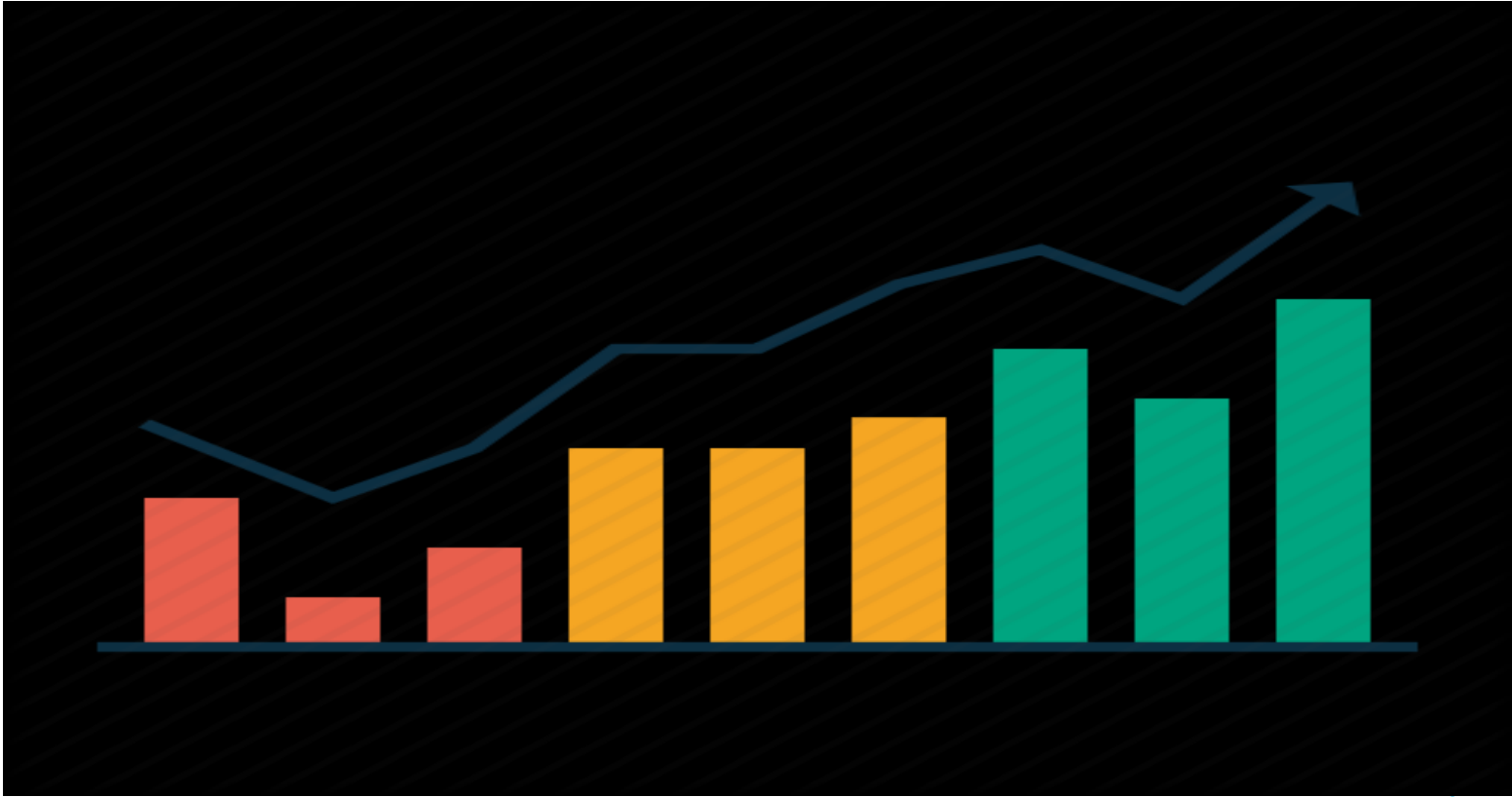
Killingly Public Schools NextGEN

Sample Report and Targets

No:	Indicator	Index/ Rate	Target	State Avg Index/Rate	State Target Gap	State of CT SMART Goal		
1a.	ELA Performance Index – All Students	64.9	75	67.1	10.1	3.4		
1b.	ELA Performance Index – High Needs Students	59.2	75	55.9	15.8	5.3		
1c.	Math Performance Index – All Students	55.7	75	62.2	19.3	6.4		
1d.	Math Performance Index – High Needs Students	50.9	75	50.5	24.1	8.0		
1e.	Science Performance Index – All Students	52.1	75	55.3	22.9	7.6		
1f.	Science Performance Index – High Needs Students	48.0	75	45.2	27.0	9.0		
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students	49.3	100	55.4	50.7	16.9		
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students	47.5	100	49.8	52.5	17.5		
2c.	Math Avg. Percentage of Growth Target Achieved – All Students	42.4	100	61.7	57.6	19.2		
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students	42.2	100	53.7	57.8	19.3		
4a.	Chronic Absenteeism – All Students	14.9	<=5%	9.9	9.9	3.3		
4b.	Chronic Absenteeism – High Needs Students	21.2	<=5%	15.8	16.2	5.4		
5	Preparation for CCR – % taking courses	72.4	75%	70.7	2.6	0.9		
6	Preparation for CCR – % passing exams	24.1	75%	43.0	50.9	17.0		
7	On-track to High School Graduation	85.1	94%	87.8	8.9	3.0		
8	4-year Graduation All Students (2015 Cohort)	79.5	94%	87.4	14.5	4.8		
9	6-year Graduation - High Needs Students (2013 Cohort)	76.3	94%	82.0	17.7	5.9		
10	Postsecondary Entrance (Class of 2015)	67.1	75%	72.0	7.9	2.6		
11	Physical Fitness (estimated part rate) and (fitness rate)	90.7	18.2	75%	92.0	51.6	56.8	18.9
12	Arts Access	57.6	60%	50.5	5	2.4	0.8	

- Indicator 3 is the participation rate.

Next Generation Performance in Killingly Three Year-Trend



Killingly Public Schools Next Generation Progress Report: 2015-16 to 2016-17

No:	Indicator	Percentage of Points Earned		
		2015-16	2016-17	
1a.	ELA Performance Index – All Students	90.8%	86.6%	↓
1b.	ELA Performance Index – High Needs Students	84.5%	78.9%	↓
1c.	Math Performance Index – All Students	77.9%	74.3%	↓
1d.	Math Performance Index – High Needs Students	72.5%	67.8%	↓
1e.	Science Performance Index – All Students	72.8%	69.4%	↓
1f.	Science Performance Index – High Needs Students	66.4%	64.1%	↓
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students	70.1%	49.3%	↓
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students	68.5%	47.5%	↓
2c.	Math Avg. Percentage of Growth Target Achieved – All Students	63.7%	42.4%	↓
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students	63.6%	42.2%	↓
4a.	Chronic Absenteeism – All Students	74.7%	60.3%	↓
4b.	Chronic Absenteeism – High Needs Students	64.8%	35.2%	↓
5	Preparation for CCR – % taking courses	78.4%	96.6%	↑
6	Preparation for CCR – % passing exams	31.8%	32.1%	→
7	On-track to High School Graduation	88.3%	90.6%	↑
8	4-year Graduation All Students	81.8%	84.6%	↑
9	6-year Graduation - High Needs Students	75.4%	81.2%	↑
10	Postsecondary Entrance	79.8%	89.4%	↑
11	Physical Fitness	19.4%	24.3%	↑
12	Arts Access	91.8%	96.0%	↑

Change between ±1 percentage point is indicated as 

Killingly Public Schools Next Generation Progress Report: 2015-2016 to 2017-2018

No:	Indicator	2015-16	2016-17	2017-18	
1a.	ELA Performance Index – All Students	90.8%	86.6%	88.9%	↑
1b.	ELA Performance Index – High Needs Students	84.5%	78.9%	82.9%	↑
1c.	Math Performance Index – All Students	77.9%	74.3%	78.9%	↑
1d.	Math Performance Index – High Needs Students	72.5%	67.8%	73.2%	↑
1e.	Science Performance Index – All Students	72.8%	69.4%	NA	NA
1f.	Science Performance Index – High Needs Students	66.4%	64.1%	NA	NA
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students	70.1%	49.3%	60.3%	↑
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students	68.5%	47.5%	58.0%	↑
2c.	Math Avg. Percentage of Growth Target Achieved – All Students	63.7%	42.4%	63.7%	↑
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students	63.6%	42.2%	60.5%	↑
4a.	Chronic Absenteeism – All Students	74.7%	60.3%	65.6%	↑
4b.	Chronic Absenteeism – High Needs Students	64.8%	35.2%	43.1%	↑
5	Preparation for CCR – % taking courses	78.4%	96.6%	100.0%	↑
6	Preparation for CCR – % passing exams	31.8%	32.1%	39.4%	↑
7	On-track to High School Graduation	88.3%	90.6%	91.9%	↑
8	4-year Graduation All Students	81.8%	84.6%	89.9%	↑
9	6-year Graduation - High Needs Students	75.4%	81.2%	78.5%	↓
10	Postsecondary Entrance	79.8%	89.4%	80.1%	↓
11	Physical Fitness	19.4%	24.3%	47.8%	↑
12	Arts Access	91.8%	96.0%	100%	↑
	Index Score	71.1	61.8	71.8	

Change between ±1 percentage point is indicated as 

Killingly Public Schools Next Generation Progress Report: 2015-2016 to 2018-2019

No:	Indicator	2015-16	2016-17	2017-18	2018-19	Difference
1a.	ELA Performance Index - All Students	90.8%	86.6%	88.9%	90.5%	1.6%
1b.	ELA Performance Index - High Needs Students	84.5%	78.9%	82.9%	85.1%	2.2%
1c.	Math Performance Index - All Students	77.9%	74.3%	78.9%	81.0%	2.1%
1d.	Math Performance Index - High Needs Students	72.5%	67.8%	73.2%	75.5%	2.3%
1e.	Science Performance Index - All Students	72.8%	69.4%	NA	82.5%	*
1f.	Science Performance Index - High Needs Students	66.4%	64.1%	NA	76.3%	*
2a.	ELA Avg. Percentage of Growth Target Achieved - All Students	70.1%	49.3%	60.3%	62.9%	2.6%
2b.	ELA Avg. Percentage of Growth Target Achieved - High Needs Students	68.5%	47.5%	58.0%	55.1%	-2.9%
2c.	Math Avg. Percentage of Growth Target Achieved - All Students	63.7%	42.4%	63.7%	56.0%	-7.7%
2d.	Math Avg. Percentage of Growth Target Achieved - High Needs Students	63.6%	42.2%	60.5%	58.5%	-2.0%
4a.	Chronic Absenteeism - All Students	74.7%	60.3%	65.6%	67.3%	1.7%
4b.	Chronic Absenteeism - High Needs Students	64.8%	35.2%	43.1%	45.7%	2.6%
5	Preparation for CCR - % taking courses	78.4%	96.6%	100.0%	100.0%	0.0%
6	Preparation for CCR - % passing exams	31.8%	32.1%	39.4%	35.5%	-3.9%
7	On-track to High School Graduation	88.3%	90.6%	91.9%	93.0%	1.1%
8	4-year Graduation All Students	81.8%	84.6%	89.9%	91.0%	1.1%
9	6-year Graduation - High Needs Students	75.4%	81.2%	78.5%	83.1%	4.6%
10	Postsecondary Entrance	79.8%	89.4%	80.1%	77.0%	-3.1%
11	Physical Fitness	19.4%	24.3%	47.8%	24.1%	-23.7%
12	Arts Access	91.8%	96.0%	100%	100.0%	0.0%
	Index Score	71.1	61.8	71.8	69.1	-2.7

Change between ±1 percentage point is indicated as



Achievement and Graduation Rate Gaps

- ▶ A district/school is identified as having an “achievement gap” if its gap size is substantially different from the average statewide gap in any subject area
- ▶ A district/school is identified as having a “graduation gap” if its gap size is substantially different from the average statewide gap

Killingly Schools Report, 2018-19 (continued)

Gap Indicators

Indicator	Non-High Needs Rate	High Needs Rate	Size of Gap	State Gap Mean +1 Stdev	Is Gap an Outlier?
ELA Performance Index Gap	73.5	63.8	9.7	15.4	N
Math Performance Index Gap	66.6	56.6	9.9	17.6	N
Science Performance Index Gap	67.6	57.2	10.4	16.1	N
Graduation Rate Gap (2016 Cohort)	94.0	78.1	15.9	11.1	Y

If the Non-High Needs Rate exceeds the ultimate target (75 for Performance Index and 94% for Graduation Rate), the ultimate target is used for gap calculations.

If the size of the gap exceeds the state mean gap plus one standard deviation, the gap is an outlier.

Assessment Participation Rates

Indicator	Participation Rate (%)
ELA - All Students	98.1
ELA - High Needs Students	97.1
Math - All Students	97.8
Math - High Needs Students	97.0
Science - All Students	97.9
Science - High Needs Students	96.6

Minimum participation standard is 95%.

Digging Deeper Into the Results



Key Areas of Improvement from 2018-2019 Growth Targets

No:	Indicator	2015-16	2016-17	2017-18	2018-19	Difference
1a.	ELA Performance Index - All Students	90.8%	86.6%	88.9%	90.5%	1.6%
1b.	ELA Performance Index - High Needs Students	84.5%	78.9%	82.9%	85.1%	2.2%
1c.	Math Performance Index - All Students	77.9%	74.3%	78.9%	81.0%	2.1%
1d.	Math Performance Index - High Needs Students	72.5%	67.8%	73.2%	75.5%	2.3%
1e.	Science Performance Index - All Students	72.8%	69.4%	NA	82.5%	*
1f.	Science Performance Index - High Needs Students	66.4%	64.1%	NA	76.3%	*

Key Areas of Improvement from 2018-2019

#2 Chronic Attendance

No:	Indicator	2015-16	2016-17	2017-18	2018-19	Difference
4a.	Chronic Absenteeism - All Students	74.7%	60.3%	65.6%	67.3%	1.7%
4b.	Chronic Absenteeism - High Needs Students	64.8%	35.2%	43.1%	45.7%	2.6%

Note* numbers report a percentage of points earned, not the percentage of students chronic. Less students chronic results in a higher percentage of point earned.

#3 On-track Graduation

7	On-track to High School Graduation	88.3%	90.6%	91.9%	93.0%	1.1%
8	4-year Graduation All Students	81.8%	84.6%	89.9%	91.0%	1.1%
9	6-year Graduation - High Needs Students	75.4%	81.2%	78.5%	83.1%	4.6%

Understanding the factors that impact attendance

Attendance Data 1.31.2020

High Needs Defined as: Students who qualify for free and reduced price lunch, have an IEP and/or classified as ELL

2018-2019 Data

CHRONIC = 10% or more days

EOY 183 Days (8/29/18 to 6/14/19)

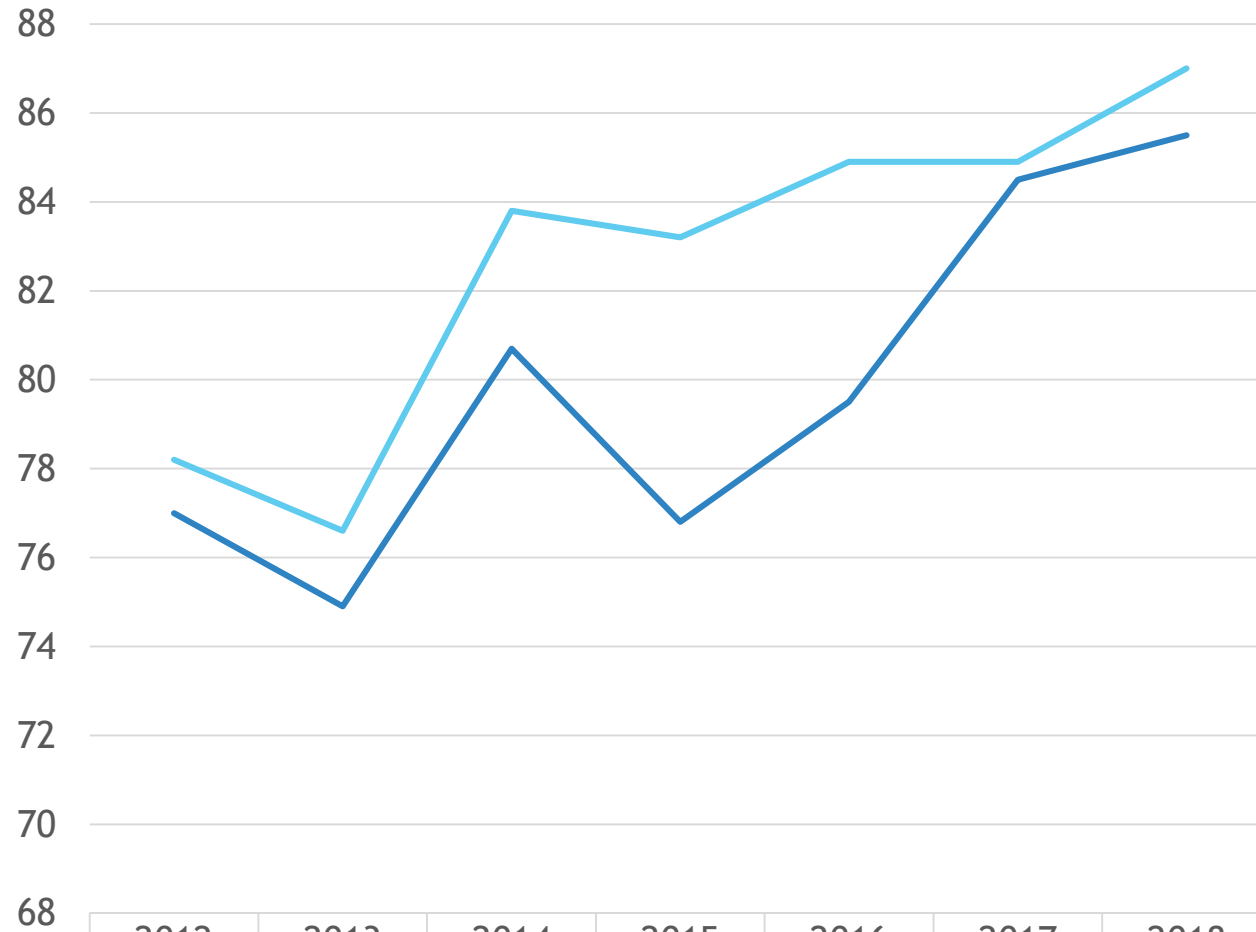
Building	Population	# chronic	% Chronic
KCS	370	38	10.3%
KMS	499	38	7.6%
KIS	617	77	12.5%
KHS	789	143	18.1%
Grand Total	2275	296	13.0%

2019-2020

Attendance Data 1/31/20 (94 Days) 8/28/19-1/31/20

Building	Population	# Chronic	% Chronic	# HN in Chronic	% of Chronic HN
KCS	363	58	16.0%	48	82.8%
KMS	525	47	9.0%	37	78.7%
KIS	641	82	12.8%	67	81.7%
KHS	769	162	21.1%	113	69.8%
Grand Total	2298	349	15.2%	265	75.9%

KPS Four-Year Graduation Rates 2012-18



	2012	2013	2014	2015	2016	2017	2018
Killingly High School	78.2	76.6	83.8	83.2	84.9	84.9	87
District	77	74.9	80.7	76.8	79.5	84.5	85.5

Key Areas of focus from 2018-2019

Growth of Students in

- ELA: High needs growth
- Math: Growth 7-8

No:	Indicator	2015-16	2016-17	2017-18	2018-19	Difference
2a.	ELA Avg. Percentage of Growth Target Achieved - All Students	70.1%	49.3%	60.3%	62.9%	2.6%
2b.	ELA Avg. Percentage of Growth Target Achieved - High Needs Students	68.5%	47.5%	58.0%	55.1%	-2.9%
2c.	Math Avg. Percentage of Growth Target Achieved - All Students	63.7%	42.4%	63.7%	56.0%	-7.7%
2d.	Math Avg. Percentage of Growth Target Achieved - High Needs Students	63.6%	42.2%	60.5%	58.5%	-2.0%

Projecting AP and CTE Growth

Category	Number of students 2016-2017	Number of students 2017-2018	Number of Students 2018-2019	Number of Students 2019-2020*
Number of individual students enrolled in 1 or more AP courses during the school year.	83	92	83	76
Number of total possible AP exams taken in 2018	113	139	126	122
Number of individual students enrolled in 1 or more Art courses during the school year.	*	541 of 797 68%	485 of 785 58% Note: remains above target.	
Total Arts courses taken at KHS	*	1030	941	773

Key Areas of focus from 2018-2019

Physical Education Performance

No:	Indicator	2015-16	2016-17	2017-18	2018-19	Difference
11	Physical Fitness	19.4%	24.3%	47.8%	24.1%	-23.7%

Student Population	# students tested 2018	# of students meeting standard in all areas 2018	% of students meeting standard in all areas 2018	# students tested 2019	# of students meeting standard in all areas 2019	% of students meeting standard in all areas 2019
Male Grade 4	77	19	25%	80	15	19%
Female Grade 4	83	19	23%	69	12	17%
Male Grade 6	56	17	30%	79	25	32%
Female Grade 6	88	46	52%	83	41	49%
Male Grade 8	88	15	17%	90	19	21%
Female Grade 8	78	18	23%	67	18	27%
Male High School	89	55	62%	79	49	62%
Female High School	91	44	48%	73	45	62%
Totals	650	233	36%	620	224	36%

Continued Focus....

- ▶ The data presented in the Next Generation report card is not entirely new. Most actionable was available to the district when we created our strategic plan for 2019-2020. The following slides include actions reflected in our current strategic plan. In March, mid-year data with adjustments and projections will be presented to the BOE.

	Strength Highlights	Progress plan
<p>Academics: Design and implement a rigorous and engaging academic program that allows all students to achieve at high levels, including aligned curricula, instruction, and assessments</p>	<p>KPS student growth has improved in all areas, Literacy, Numeracy and High needs.</p> <p>KPS has developed and implemented its third year of a student led portfolio based conference format at KIS</p> <p>KPS has worked collaboratively to develop meaningful rigorous curriculum to support purposeful play in the classroom.</p> <p>KIS has adjusted and increased tutoring hours for Tier II support- Barton.</p> <p>KPS has adopted best practices related to Mastery Based Learning</p>	<p><u>Numeracy</u> Increased coaching and support for Illustrative Math instructors grades 7 & 8.</p> <p><u>Literacy</u> Increased instructor and student focus in grades K-2 with phonics.</p> <p>Continuation of TC implementation in KIS supported by district PD, with a focus on small group instruction within workshop.</p> <p>Focus on Reader Response Notebooks by Gravity Goldberg PD Grades 5-8</p> <p>K-focus on the Push-In-Model during Reading Block by the Reading team in order to provide direct explicit instruction on early literacy skills.</p>

Strength Highlights

Progress plan

Talent:

Employ systems and strategies to recruit, hire, develop, evaluate, and retain excellent school leaders, teachers, and support staff.

KPS has provided district professional development in:

- Go Math! instruction (K-6)
- AVMR Math Certification (K-3)
- Illustrative Math instruction (7-8)
- Student centered instruction
- Restorative practices
- Responsive classroom
- SEL related support

Targeted coaching of Readers Workshop at KIS in Grades 7 and 8 all year. Continued work in the middle school for the next 2 years as teachers implement another unit. At KMS, continued work around Tier 1 and building in strategy groups to meet the needs of readers.

Reflective monthly walkthroughs with building leaders to improve instructional practice.

KPS will continue to develop talent by focusing professional development on:

- Restorative practice
- Implementation of RTI with technical supports.
- AVMR, Go Math! and Illustrative Math through PD and coaching

KCS will continue their work in strengthening Tier 1, while implementing small group instruction in both Tier 1 and 2.

Continued professional growth through book study.

Participation in statewide minority recruiting events.

Questions?