

Gentry Public Schools Math

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February 2024 Presentation

Vision

All students graduating from Gentry will be confident, strategic problem solvers and effective communicators of mathematics.

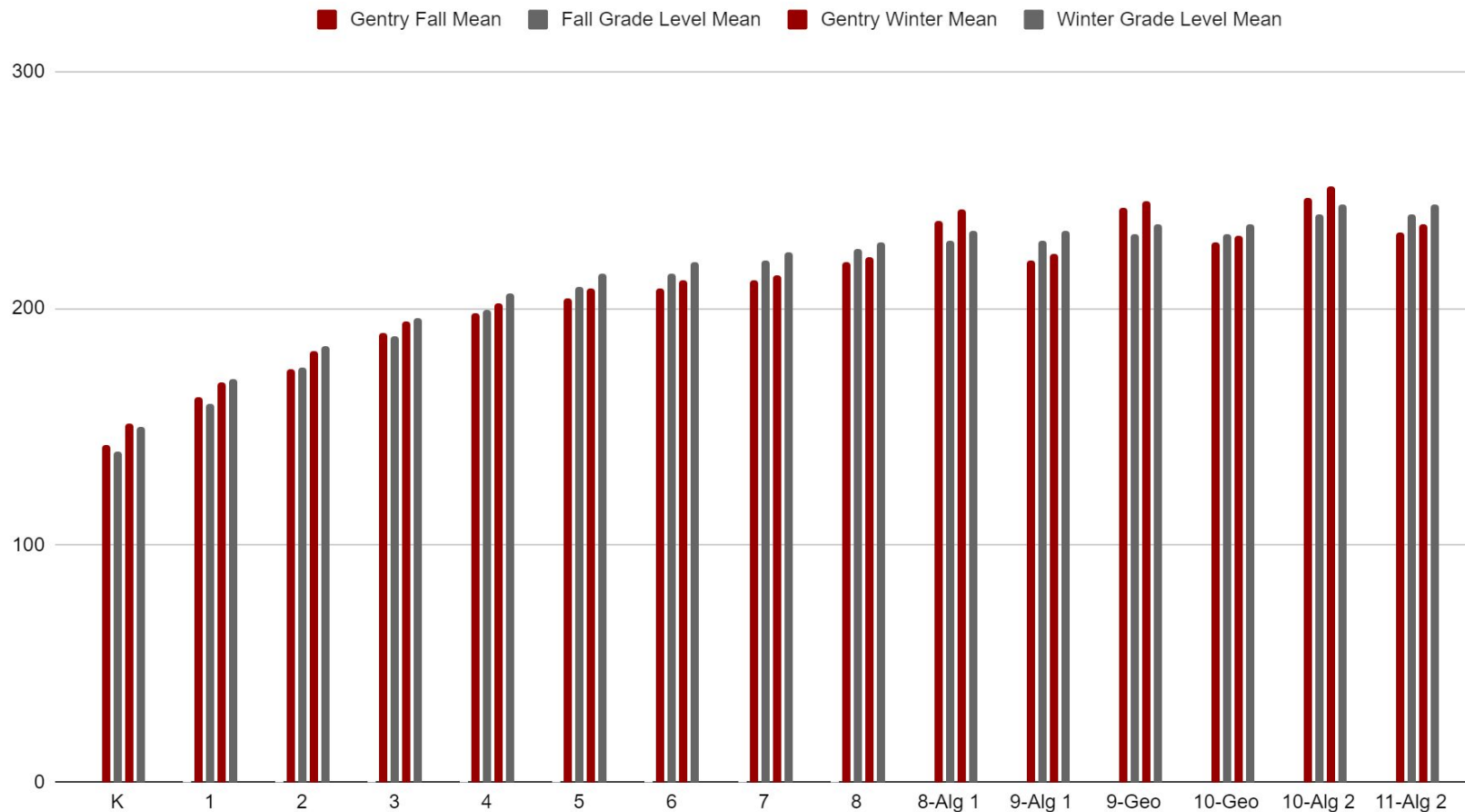
23-24 Gentry Math MAP Data Overview

Grade	Gentry Fall Mean	Fall Grade Level Mean	Gentry Difference from Mean	Fall students at or above grade level	% of students at or above grade level in Fall	Gentry Winter Mean	Winter Grade Level Mean	Gentry Difference from Mean	Winter students at or above grade level	% of students at or above grade level in Winter
K	142.6	139.6	3	70/114	61.40%	151.2	150.1	1.1	68/116	58.62%
1	162.4	160	2.4	65/108	60.19%	168.9	170.2	-1.3	59/110	53.64%
2	174.1	175	-0.9	62/132	46.97%	181.7	184.1	-2.4	58/139	41.73%
3	189.6	188.5	1.1	60/100	60.00%	194.6	196.2	-1.6	50/103	48.54%
4	198.2	199.5	-1.3	71/133	53.38%	202	206.1	-4.1	60/141	42.55%
5	204	209.1	-5.1	45/117	38.46%	208.3	214.7	-6.4	47/118	39.83%
6	208.2	214.7	-6.5	51/143	35.66%	211.8	219.6	-7.8	47/144	32.64%
7	211.9	220.2	-8.3	34/125	27.20%	214.2	224	-9.8	33/124	26.61%
8	219.4	224.9	-5.5	31/91	34.07%	221.6	228.1	-6.5	22/86	25.58%
8-Alg 1	236.8	228.9	7.9	15/18	83.33%	241.8	233	8.8	15/19	78.95%
9-Alg 1	220.2	228.9	-8.7	39/116	33.62%	223	233	-10	29/113	25.66%
9-Geo	242.5	231.3	11.2	15/17	88.24%	245.2	235.4	9.8	15/18	83.33%
10-Geo	227.6	231.3	-3.7	41/103	39.81%	230.4	235.4	-5	44/108	40.74%
10-Alg 2	246.8	239.8	7	14/17	82.35%	251.4	244.2	7.2	14/18	77.78%
11-Alg 2	231.7	239.8	-8.1	21/74	28.38%	235.7	244.2	-8.5	21/75	28.00%

Above grade level mean

Within standard deviation of the grade level mean

23-24 Gentry Math MAP Data



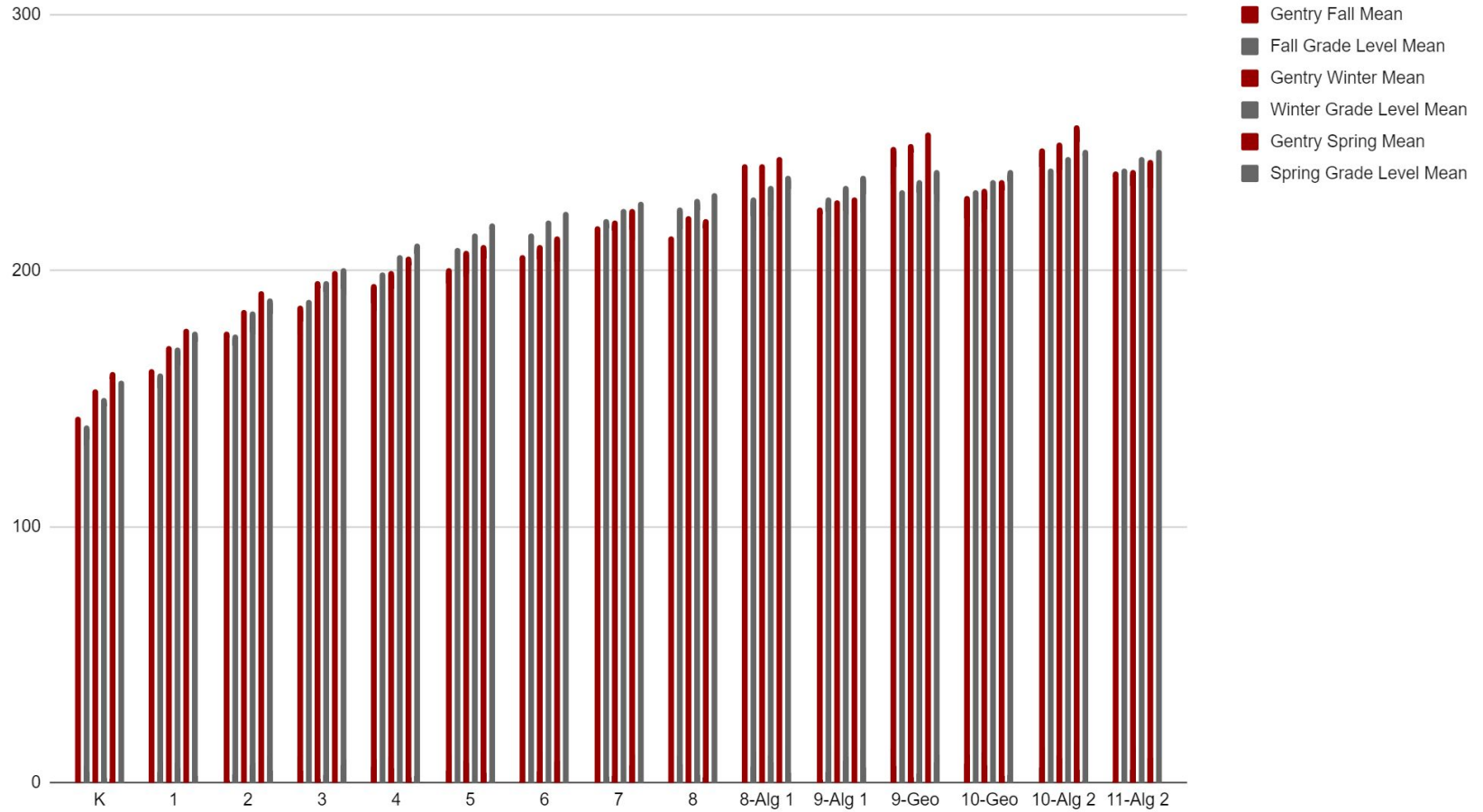
22-23 Gentry Math MAP Data Overview

Grade	Gentry Fall Mean	Fall Grade Level Mean	Fall students at or above grade level	% of students at or above grade level in Fall	Gentry Winter Mean	Winter Grade Level Mean	Winter students at or above grade level	% of students at or above grade level in Winter	Gentry Spring Mean	Spring Grade Level Mean	Spring students at or above grade level	% of students at or above grade level in Spring
K	142.9	139.6	59/96	61.46%	153.5	150.1	61/100	61.00%	160.4	157.1	69/104	66.35%
1	161.8	160	78/136	57.35%	170.7	170.2	68/136	50.00%	177.4	176.4	78/140	55.71%
2	176	175	58/104	55.77%	184.7	184.1	55/102	53.92%	192.2	189.4	65/102	63.73%
3	186.4	188.5	63/125	50.40%	196.1	196.2	72/127	56.69%	199.8	201.1	69/131	52.67%
4	194.8	199.5	49/111	44.14%	200.1	206.1	42/111	37.84%	205.4	210.5	43/114	37.72%
5	201.3	209.1	49/134	36.57%	207.6	214.7	50/132	37.88%	209.8	218.7	45/134	33.58%
6	206.1	214.7	35/129	27.13%	209.9	219.6	35/128	27.34%	213.6	222.9	40/128	31.25%
7	217.6	220.2	45/108	41.67%	219.5	224	37/107	34.58%	224.4	226.7	44/103	42.72%
8	213.5	224.9	25/117	21.37%	221.4	228.1	35/111	31.53%	220.1	230.3	29/116	25.00%
8-Alg 1	241.9	228.9	15/16	93.75%	241.4	233	13/16	81.25%	244.4	236.9	13/16	81.25%
9-Alg 1	225	228.9	49/106	46.23%	227.3	233	40/108	37.04%	228.7	236.9	36/109	33.03%
9-Geo	248.6	231.3	15/15	100.00%	249.7	235.4	15/15	100.00%	253.8	239.3	13/14	92.86%
10-Geo	229.5	231.3	47/98	47.96%	231.9	235.4	40/93	43.01%	235.3	239.3	36/90	40.00%
10-Alg 2	248.1	239.8	7/9	77.78%	250.1	244.2	7/10	70.00%	257	247	8/10	80.00%
11-Alg 2	238.7	239.8	31/64	48.44%	239.4	244.2	16/69	23.19%	243.2	247	19/63	30.16%

Above grade level mean

Within standard deviation of the grade level mean

22-23 Gentry MAP Math Data



Strengths/Weaknesses

Strengths:

- Within standard deviation of the expected mean for all grade levels
- Achievement near or above expected mean in Kindergarten and lower grades
- Highest overall growth in Algebra 2 and 8th grade Algebra 1
- The number of students at or above grade level from fall to winter increased in 5th grade and Geometry

Weaknesses:

- Our difference from the expected mean increases as students progress
- Low growth overall

Action Steps:

- Continue with Math QuEST training
 - Focus on clear learning goals and building conceptual understanding
 - Student Math Practices (perseverance and productive struggle)
- Continue attending weekly PLT meetings to help with data analysis and planning
- Continue working with vertical alignment team on core instruction
- Investigate instructional materials for K-5
- Learn more about numeracy, how to diagnose, teach, and support

Any Questions?