

Analysis of the 2019 Math June Instructional Report for P.S. 241BK

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Summary of School Averages by Grade Level - Math

The table below summarizes by Focus area school averages for each grade level. For example, of the 38 questions on the 5th grade exam, 20 out of 38 questions are in an Area of Strength and Area to Monitor. The table on page 3 breaks this down so that the school can narrow their professional development focus in math for the year.

Grade Level	Strength (%, # of Questions) 80 - 100%		Monitor (%, # of Questions) 60 - 79%		Challenge (%, # of Questions) 40 - 59%		Immediate Focus (%, # of Questions) 39 - 0%	
3rd Grade	41%	(14)	35%	(12)	18%	(6)	6%	(2)
4th Grade	24%	(9)	42%	(16)	26%	(10)	8%	(3)
5th Grade	11%	(4)	42%	(16)	32%	(12)	16%	(6)
School Average	25%	(9)	40%	(15)	25%	(9)	10%	(4)
	65%				35%			

Summary of School Averages by Question Type - Math

The table below summarizes by grade level averages by the question type. For example, on average 3rd Grade had 76% level of proficiency for multiple-choice questions, and 48% level of proficiency in achieving the maximum allotted points for constructed response questions.

Grade Level	Multiple Choice (MC)	Constructed Response (CR) <i>(Student scoring maximum Points allotted)</i>	% Difference	Observation
3rd Grade	76%	48%	28% more on MC	Average proficiency levels for MC questions decrease as the grade levels increase. CR decreased significantly in 5th grade.
4th Grade	68%	51%	17% more on MC	
5th Grade	62%	39%	23% more on MC	

Grade Level Focus - Math

The following table categorizes each question based on performance into focus areas (Strength, Monitor, Challenge, and Immediate Focus). **The percentages indicate what percentage of the total number of questions by strand in which student performance fell into each category.** For example, in the 5th grade, in Number and Operations, Base Ten (NBT) there were 9 total questions, 78% of the questions (7 questions) were an Area to Monitor.

	Strand	Strength (%, # of Questions) 80 - 100%		Monitor (%, # of Questions) 60 - 79%		Challenge (%, # of Questions) 40 - 59%		Immediate Focus (%, # of Questions) 39 - 0%		Total # of Questions
GRADE 3	G	100%	1	0%		0%		0%		1
	MD	22%	2	44%	4	22%	2	11%	1	9
	NBT	0%		0%		100%	2	0%		2
	NF	50%	3	33%	2	17%	1	0%		6
	OA	50%	8	38%	6	6%	1	6%	1	16
GRADE 4	G	0%		33%	1	67%	2	0%		3
	MD	13%	1	25%	2	25%	2	38%	3	8
	NBT	13%	1	63%	5	25%	2	0%		8
	NF	40%	4	50%	5	10%	1	0%		10
	OA	33%	3	33%	3	33%	3	0%		9
GRADE 5	G	0%		100%	1	0%		0%		1
	MD	20%	2	20%	2	40%	4	20%	2	10
	NBT	11%	1	78%	7	0%		11%	1	9
	NF	6%	1	31%	5	44%	7	19%	3	16
	OA	0%		50%	1	50%	1	0%		2

Grade Level Domains by Class - Math

DOMAIN	401	402	403
OA	83%	59%	72%
G	68%	43%	65%
NBT	77%	50%	60%
NF	91%	61%	76%
MD	73%	40%	47%

DOMAIN	501	502	503
OA	80%	62%	52%
G	71%	56%	56%
NBT	88%	65%	51%
NF	72%	41%	41%
MD	70%	50%	42%

Summary of School Averages by Grade Level - ELA

The table below summarizes by Focus area school averages for each grade level. For example, of the 35 questions on the 5th grade exam, 19 out of 38 questions are in an Area of Strength and Area to Monitor. The table on page 5 breaks this down so that the school can narrow their professional development focus in math for the year.

Grade Level	Strength (%, # of Questions) 80 - 100%		Monitor (%, # of Questions) 60 - 79%		Challenge (%, # of Questions) 40 - 59%		Immediate Focus (%, # of Questions) 39 - 0%	
3rd Grade	20%	(5)	60%	(15)	16%	(4)	4%	(1)
4th Grade	13%	(3)	50%	(12)	29%	(7)	8%	(2)
5th Grade	20%	(7)	34%	(12)	40%	(14)	6%	(2)
School Average	18%	(15)	46%	(39)	30%	(25)	6%	(5)
	64%				36%			

Summary of School Averages by Question Type - ELA

The table below summarizes by grade level averages by the question type. For example, on average 3rd Grade had 76% level of proficiency for multiple-choice questions, and 48% level of proficiency in achieving the maximum allotted points for constructed response questions.

Grade Level	Multiple Choice (MC)	Constructed Response (CR) <i>(Student scoring maximum Points allotted)</i>	% Difference	Observation
3rd Grade	69%	69%	No Difference	Student level of average proficiency level for CR questions is close to 70 across all grade levels. No significant difference between performance in MC and CR.
4th Grade	62%	66%	4% more on CR	
5th Grade	62%	68%	6% more on CR	

Grade Level Focus - ELA

The following table categorizes each question based on performance into focus areas (Strength, Monitor, Challenge, and Immediate Focus). **The percentages indicate what percentage of the total number of questions by strand in which student performance fell into each category.** For example, in the 5th grade, in Literacy Texts (RL) there were 15 total questions, 40% of the questions (6 questions) were an Area to Monitor.

	Strand	Strength (%, # of Questions) 80 - 100%		Monitor (%, # of Questions) 60 - 79%		Challenge (%, # of Questions) 40 - 59%		Immediate Focus (%, # of Questions) 39 - 0%		Total # of Questions
GRADE 3	L	100%	(1)	0%		0%		0%		1
	RI	0%		80%	(8)	10%	(1)	10%	(1)	10
	RL	29%	(4)	50%	(7)	21%	(3)	0%		14
GRADE 4	L	0%		100%	(1)	0%		0%		1
	RI	0%		56%	(5)	33%	(3)	11%	(1)	9
	RL	21%	(3)	43%	(6)	29%	(4)	7%	(1)	14
GRADE 5	L	50%	(1)	50%	(1)	0%		0%		2
	RI	22%	(4)	28%	(5)	39%	(7)	11%	(2)	18
	RL	13%	(2)	40%	(6)	47%	(7)	0%		15