

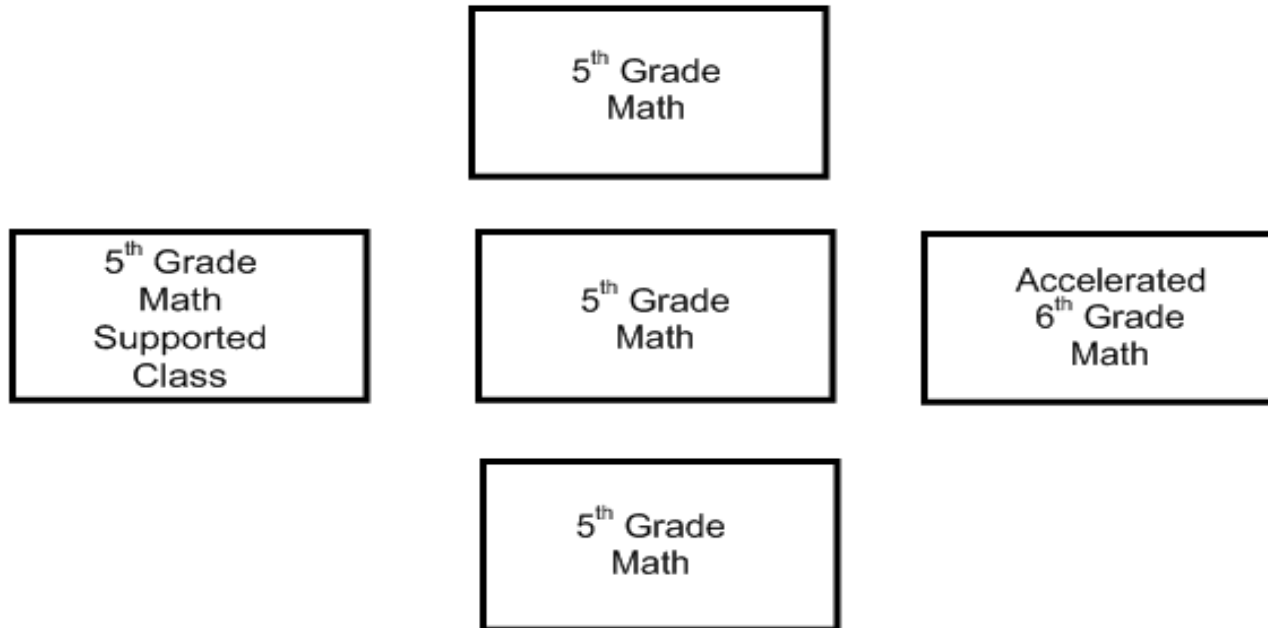
SCA PRESENTATION: MATH ACCELERATION & MATH SUMMER ACTIVITIES

WEDNESDAY, MAY 4, 2016


RAYMOND SCACALOSSO JR.
MATHEMATICS COORDINATOR K-12

ANDREA FASSENFELD
DEBBIE PAPADOPOULOS
MARIA SCOGNAMIGLIO
HAE JUNG YANG
ELEMENTARY MATH SPECIALISTS

FIFTH GRADE DIFFERENTIATED MATH



2016 CRITERIA FOR 5TH GRADE ACCELERATED MATHEMATICS

- 1) Average of all 4th grade Math Unit Exams
 - 2) 4th Grade CSI Total Score
 - 3) 4th Grade MIF Final Test Score
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EXAMINING THE DATA

Name	School	Grade	MIF Final	CSI	Unit Avg
Student A	SHELTER ROCK ELEMENTARY SCHOOL	04	88	118	91
Student B	SHELTER ROCK ELEMENTARY SCHOOL	04	90	123	91
Student C	MUNSEY PARK ELEMENTARY SCHOOL	04	79	101	87
Student D	MUNSEY PARK ELEMENTARY SCHOOL	04	65	70	69
Student E	MUNSEY PARK ELEMENTARY SCHOOL	04	92	130	90
Student F	SHELTER ROCK ELEMENTARY SCHOOL	04	81	109	92
Student G	MUNSEY PARK ELEMENTARY SCHOOL	04	95	141	99
Student H	MUNSEY PARK ELEMENTARY SCHOOL	04	76	106	81
Student I	MUNSEY PARK ELEMENTARY SCHOOL	04	77	103	75
Student J	MUNSEY PARK ELEMENTARY SCHOOL	04	84	119	91
Student K	SHELTER ROCK ELEMENTARY SCHOOL	04	68	116	79
Student L	SHELTER ROCK ELEMENTARY SCHOOL	04	74	122	87
Student M	SHELTER ROCK ELEMENTARY SCHOOL	04	81	113	88
Student N	MUNSEY PARK ELEMENTARY SCHOOL	04	82	109	84
Student O	SHELTER ROCK ELEMENTARY SCHOOL	04	77	103	79
Student P	MUNSEY PARK ELEMENTARY SCHOOL	04	90	102	91
Student Q	SHELTER ROCK ELEMENTARY SCHOOL	04	80	126	83
Student R	SHELTER ROCK ELEMENTARY SCHOOL	04	62	107	65
Student S	SHELTER ROCK ELEMENTARY SCHOOL	04	83	115	87
Student T	SHELTER ROCK ELEMENTARY SCHOOL	04	73	109	77
Student U	MUNSEY PARK ELEMENTARY SCHOOL	04	78	103	86
Student V	SHELTER ROCK ELEMENTARY SCHOOL	04	83	110	87
Student W	MUNSEY PARK ELEMENTARY SCHOOL	04	73	102	78
Student X	MUNSEY PARK ELEMENTARY SCHOOL	04	93	110	91
Student Y	SHELTER ROCK ELEMENTARY SCHOOL	04	92	113	91
Student Z	MUNSEY PARK ELEMENTARY SCHOOL	04	94	121	93

WEIGHTING OF THE CRITERIA

Unit Average

60%

CSI

20%

MIF Final

20%

LOOKING MORE CLOSELY: ASSIGNMENT OF VALUES

UNIT TEST AVERAGE

Unit Test Average	Points Assigned
100	30
99	28
98	26
97	24
...	...

LOOKING MORE CLOSELY: ASSIGNMENT OF VALUES

CSI

CSI Score	Points Assigned
139 - 141	10
136 - 138	9
133 - 135	8
130 - 132	7
...	...

LOOKING MORE CLOSELY: ASSIGNMENT OF VALUES

MIF FINAL

Grade on Final	Points Assigned
100	10
99	9
98	8
97	7
...	...

PROCESS OF IDENTIFICATION OF STUDENTS (CAPTURING TOP PERFORMERS)

T	Honors	Female	33	3	925	4	188	38	43
F	Honors	Female	188	18	941	18	37	21	41
S	Honors	Female	38	8	941	18	37	21	33
P	Honors	Male	35	5	931	5	33	27	33
O	Honors	Male	38	8	925	4	33	27	33
D	Honors	Female	188	18	925	4	38	24	38
C	Honors	Male	38	8	938	5	38	24	38
B	Honors	Female	38	8	927	5	38	24	37
A	Honors	Female	37	7	932	7	37	21	35
U	Honors	Female	37	7	932	7	37	21	35
I	Honors	Male	35	5	919		33	27	33
N	Honors	Male	33	3	917	1	37	21	31
Z	Honors	Female	37	7	928	2	37	21	38
3	Honors	Female	33	3	927	5	35	15	28
4	Honors	Male	38	8	927	5	35	15	28
5	Honors	Male	33	3	925	3	37	21	27
6	Honors	Male	37	7	987		36	18	25
7	Honors	Male	35	5	924	2	36	18	25
8	Honors	Male	38	8	925	4	34	12	24
9	Honors	Male	35	5	923	3	35	15	24
U	Honors	Male	38	8	925	4	34	12	24
N	Honors	Male	83	2	941	18	34	12	24
3	Honors	Male	35	5	924	2	35	15	23
4	Honors	Male	33	3	941	18	33	3	22
5	Honors	Male	35	5	919		35	15	21
6	Honors	Female	33	3	915	8	36	18	21
7	Honors	Male	37	7	917	1	34	12	28
8	Honors	Female	34	4	917	1	35	15	28
9	Honors	Male	37	7	914		34	12	19
U	Honors	Female	35	5	923	5	32	5	17
I	Honors	Male	34	4	932	7	32	5	17
N	Honors	Male	35	5	984		34	12	17
Z	Honors	Female	34	4	933	3	33		13
3	Honors	Male	33	3	915	8	33	3	12
4	Honors	Female	33	3	928	2	33	3	11
5	Honors	Male	31	1	918	1	33	3	11
6	Honors	Female	32	2	915	8	33	3	11
7	Honors	Male	35	5	923	3	31	3	11
8	Honors	Female	35	5	917	1	31	3	3
9	Honors	Male	32	2	932	7	83		3
U	Honors	Female	88		918		33	3	3
I	Honors	Female	84		932	7	86		7
N	Honors	Female	34	4	915	8	31	3	7
Z	Honors	Female	35	5	919		38	8	6
3	Honors	Female	75		984		32	5	6
4	Honors	Female	32	2	912		31	3	5
5	Honors	Male	31	1	922	3	83		4
6	Honors	Male	32	2	924	2	38	8	4
7	Honors	Female	31	3	918		82		3


Accelerated
Students

Enrichment
Students

TIMELINE

Each summer, the math coordinator, the elementary principals, and district administrators meet to identify the highest performing students. Parents are informed in early September.

AFTER SCHOOL ENRICHMENT

- 8 week afterschool program.
 - Students will be selected using the Math Unit Exam Average, CSI Score, and MIF Final.
 - Students in Accelerated Math Classes are not considered for this program, as they are already placed in an accelerated program.
 - Classes are taught by Secondary Math Teachers.
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CRITERIA FOR SIXTH GRADE ACCELERATED MIDDLE SCHOOL MATH

- Successful completion of 5th grade accelerated math.

and

- Consider any additional students who performed at very high levels on the following criteria: Math Unit Exam Average, CSI score, and MIF Final.

SIXTH GRADE ACCELERATION

First Last Name	Munsey	98	8	127	5	98	24	37
First Last Name	Munsey	96	7	107		96	18	25
First Last Name	Munsey	95	8	127	5	95	15	28
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	97	9	117	1	97	21	31
First Last Name	Munsey	95	6	121	2	95	15	23
First Last Name	Munsey	97	7	120	2	97	21	30
First Last Name	Munsey	100	9	125	4	100	30	43
First Last Name	Munsey	97	8	141	10	97	21	39
First Last Name	Munsey	97	10	141	10	97	21	41
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	95	9	127	5	95	15	29
First Last Name	Munsey	98	10	125	4	98	24	38
First Last Name	Munsey	99	6	113		99	27	33
First Last Name	Munsey	98	8	130	6	98	24	38
First Last Name	Munsey	95	6	113		95	15	21
First Last Name	Munsey	99	6	131	6	99	27	39
First Last Name	Munsey	95	6	123	3	95	15	24
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	99	8	125	4	99	27	39
First Last Name	Munsey	97	3	123	3	97	21	27
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	96	5	121	2	96	18	25
First Last Name	Munsey	78		110		78		0
First Last Name	Munsey	75		101		75		0
First Last Name	Munsey	81	2	106		81		2
First Last Name	Munsey	90	6	113		90	0	6
First Last Name	Munsey	77	1	117	1	77		2
First Last Name	Munsey	81		101		81		0
First Last Name	Munsey	67		108		67		0
First Last Name	Munsey	82	3	110		82		3
First Last Name	Munsey	77				77		0
First Last Name	Munsey	72		100		72		0
First Last Name	Munsey	88		106		88	-6	-6
First Last Name	Munsey	79		102		79		0
First Last Name	Munsey	98		108		67		0
First Last Name	Munsey	96	1	122	3	89	-3	1
First Last Name	Munsey	95		108		77		0
First Last Name	Munsey	97		117	1	85	-15	-14
First Last Name	Munsey	97		106		83		0
First Last Name	Munsey	95		104		92	6	6
First Last Name	Munsey	97		117	1	82		1
First Last Name	Munsey	100	2	108		89	-3	-1
First Last Name	Munsey	97		84		47		0
First Last Name	Munsey	97		110		90	0	0
First Last Name	Munsey	94	6	129	5	92	6	17
First Last Name	Munsey	95		101		87	-9	-9
First Last Name	Munsey	98		106		80		0
First Last Name	Munsey	99		120	2	93	9	11
First Last Name	Munsey	98		89		70		0
First Last Name	Munsey	98		110		70		0

SIXTH GRADE ACCELERATION

First Last Name	Munsey	98	8	127	5	98	24	37
First Last Name	Munsey	96	7	107		96	18	25
First Last Name	Munsey	95	8	127	5	95	15	28
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	97	9	117	1	97	21	31
First Last Name	Munsey	95	6	121	2	95	15	23
First Last Name	Munsey	97	7	120	2	97	21	30
First Last Name	Munsey	100	9	125	4	100	30	43
First Last Name	Munsey	97	8	141	10	97	21	39
First Last Name	Munsey	97	10	141	10	97	21	41
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	95	9	127	5	95	15	29
First Last Name	Munsey	98	10	125	4	98	24	38
First Last Name	Munsey	99	6	113		99	27	33
First Last Name	Munsey	98	8	130	6	98	24	38
First Last Name	Munsey	95	6	113		95	15	21
First Last Name	Munsey	99	6	131	6	99	27	39
First Last Name	Munsey	95	6	123	3	95	15	24
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	99	8	125	4	99	27	39
First Last Name	Munsey	97	3	123	3	97	21	27
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	96	5	121	2	96	18	25
First Last Name	Munsey	78		110		78		0
First Last Name	Munsey	75		101		75		0
First Last Name	Munsey	81	2	106		81		2
First Last Name	Munsey	90	6	113		90	0	6
First Last Name	Munsey	77	1	117	1	77		2
First Last Name	Munsey	81		101		81		0
First Last Name	Munsey	67		108		67		0
First Last Name	Munsey	82	3	110		82		3
First Last Name	Munsey	77				77		0
First Last Name	Munsey	72		100		72		0
First Last Name	Munsey	88		106		88	-6	-6
First Last Name	Munsey	79		102		79		0
First Last Name	Munsey	98		108		67		0
First Last Name	Munsey	96	1	122	3	89	-3	1
First Last Name	Munsey	95		108		77		0
First Last Name	Munsey	97		117	1	85	-15	-14
First Last Name	Munsey	97		106		83		0
First Last Name	Munsey	95		104		92	6	6
First Last Name	Munsey	97		117	1	82		1
First Last Name	Munsey	100	2	108		89	-3	-1
First Last Name	Munsey	97		84		47		0
First Last Name	Munsey	97		110		90	0	0
First Last Name	Munsey	94	6	129	5	92	6	17
First Last Name	Munsey	95		101		87	-9	-9
First Last Name	Munsey	98		106		80		0
First Last Name	Munsey	99		120	2	93	9	11
First Last Name	Munsey	98		89		70		0

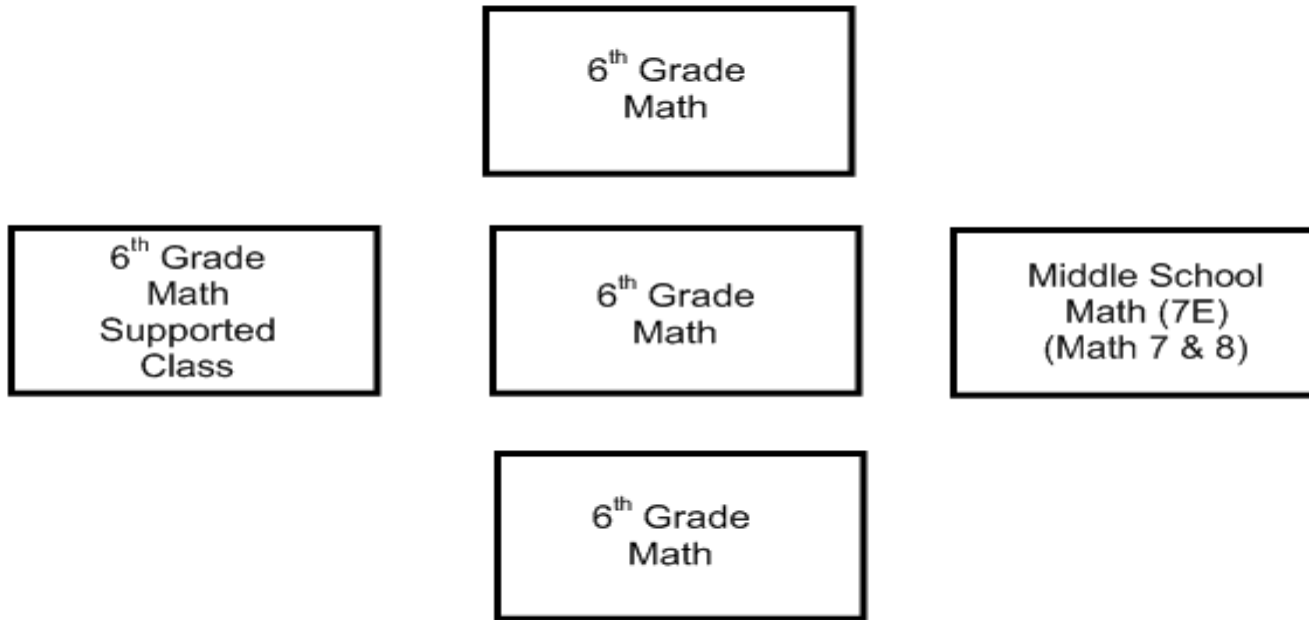
SIXTH GRADE ACCELERATION

First Last Name	Munsey	98	8	127	5	98	24	37
First Last Name	Munsey	96	7	107		96	18	25
First Last Name	Munsey	95	8	127	5	95	15	28
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	97	9	117	1	97	21	31
First Last Name	Munsey	95	6	121	2	95	15	23
First Last Name	Munsey	97	7	120	2	97	21	30
First Last Name	Munsey	100	9	125	4	100	30	43
First Last Name	Munsey	97	8	141	10	97	21	39
First Last Name	Munsey	97	10	141	10	97	21	41
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	95	9	127	5	95	15	29
First Last Name	Munsey	98	10	125	4	98	24	38
First Last Name	Munsey	99	6	113		99	27	33
First Last Name	Munsey	98	8	130	6	98	24	38
First Last Name	Munsey	95	6	113		95	15	21
First Last Name	Munsey	99	6	131	6	99	27	39
First Last Name	Munsey	95	6	123	3	95	15	24
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	99	8	125	4	99	27	39
First Last Name	Munsey	97	3	123	3	97	21	27
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	96	5	121	2	96	18	25
First Last Name	Munsey	78		110		78		0
First Last Name	Munsey	75		101		75		0
First Last Name	Munsey	81	2	106		81		2
First Last Name	Munsey	90	6	113		90	0	6
First Last Name	Munsey	77	1	117	1	77		2
First Last Name	Munsey	81		101		81		0
First Last Name	Munsey	67		108		67		0
First Last Name	Munsey	82	3	110		82		3
First Last Name	Munsey	77				77		0
First Last Name	Munsey	72		100		72		0
First Last Name	Munsey	88		106		88	-6	-6
First Last Name	Munsey	79		102		79		0
First Last Name	Munsey	98		108		67		0
First Last Name	Munsey	96	1	122	3	89	-3	1
First Last Name	Munsey	95		108		77		0
First Last Name	Munsey	97		117	1	85	-15	-14
First Last Name	Munsey	97		106		83		0
First Last Name	Munsey	95		104		92	6	6
First Last Name	Munsey	97		117	1	82		1
First Last Name	Munsey	100	2	108		89	-3	-1
First Last Name	Munsey	97		84		47		0
First Last Name	Munsey	97		110		90	0	0
First Last Name	Munsey	94	6	129	5	92	6	17
First Last Name	Munsey	95		101		87	-9	-9
First Last Name	Munsey	98		106		80		0
First Last Name	Munsey	98		120	2	97	8	11

SIXTH GRADE ACCELERATION


Student	School	Final	CSI	Math Avg	Sum			
First Last Name	Munsey	98	8	127	5	98	24	37
First Last Name	Munsey	96	7	107		96	18	25
First Last Name	Munsey	95	8	127	5	95	15	28
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	97	9	117	1	97	21	31
First Last Name	Munsey	95	6	121	2	95	15	23
First Last Name	Munsey	97	7	120	2	97	21	30
First Last Name	Munsey	100	9	125	4	100	30	43
First Last Name	Munsey	97	8	141	10	97	21	39
First Last Name	Munsey	97	10	141	10	97	21	41
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	95	9	127	5	95	15	29
First Last Name	Munsey	98	10	125	4	98	24	38
First Last Name	Munsey	99	6	113		99	27	33
First Last Name	Munsey	98	8	130	6	98	24	38
First Last Name	Munsey	95	6	113		95	15	21
First Last Name	Munsey	99	6	131	6	99	27	39
First Last Name	Munsey	95	6	123	3	95	15	24
First Last Name	Munsey	94	8	125	4	94	12	24
First Last Name	Munsey	99	8	125	4	99	27	39
First Last Name	Munsey	97	3	123	3	97	21	27
First Last Name	Munsey	97	7	132	7	97	21	35
First Last Name	Munsey	96	5	121	2	96	18	25
First Last Name	Munsey	78		110		78		0
First Last Name	Munsey	75		101		75		0
First Last Name	Munsey	81	2	106		81		2
First Last Name	Munsey	90	6	113		90	0	6
First Last Name	Munsey	77	1	117	1	77		2
First Last Name	Munsey	81		101		81		0
First Last Name	Munsey	67		108		67		0
First Last Name	Munsey	82	3	110		82		3
First Last Name	Munsey	77				77		0
First Last Name	Munsey	72		100		72		0
First Last Name	Munsey	88		106		88	-6	-6
First Last Name	Munsey	79		102		79		0
First Last Name	Munsey	98		108		67		0
First Last Name	Munsey	96	1	122	3	89	-3	1
First Last Name	Munsey	95		108		77		0
First Last Name	Munsey	97		117	1	85	-15	-14
First Last Name	Munsey	97		106		83		0
First Last Name	Munsey	95		104		92	6	6
First Last Name	Munsey	97		117	1	82		1
First Last Name	Munsey	100	2	108		89	-3	-1
First Last Name	Munsey	97		84		47		0
First Last Name	Munsey	97		110		90	0	0
First Last Name	Munsey	94	6	129	5	92	6	17
First Last Name	Munsey	95		101		87	-9	-9
First Last Name	Munsey	98		106		80		0
First Last Name	Munsey	99		120	2	93	9	11

SIXTH GRADE DIFFERENTIATED MATH

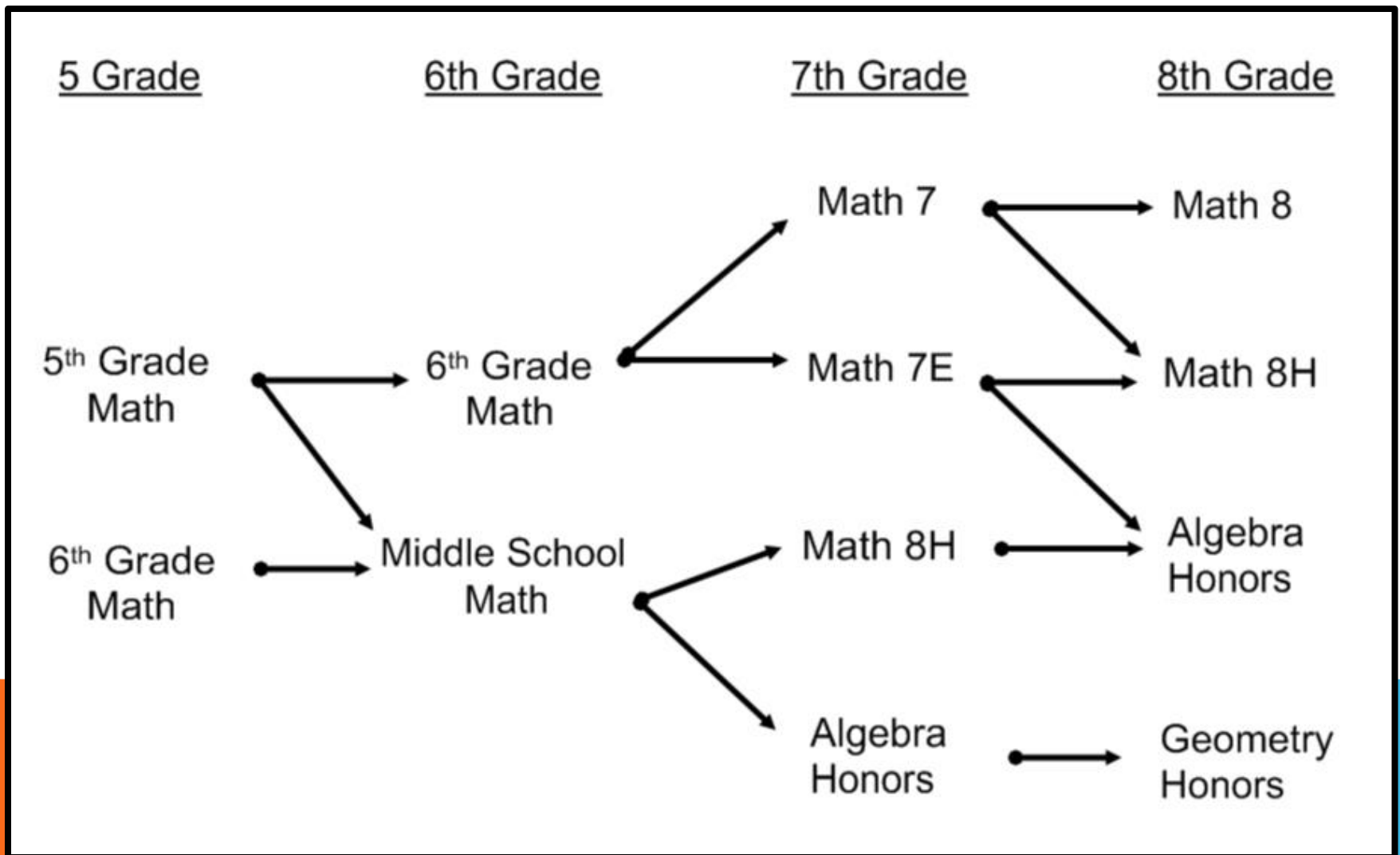


SELECTION PROCESS FOR 7TH GRADE MATH ACCELERATION

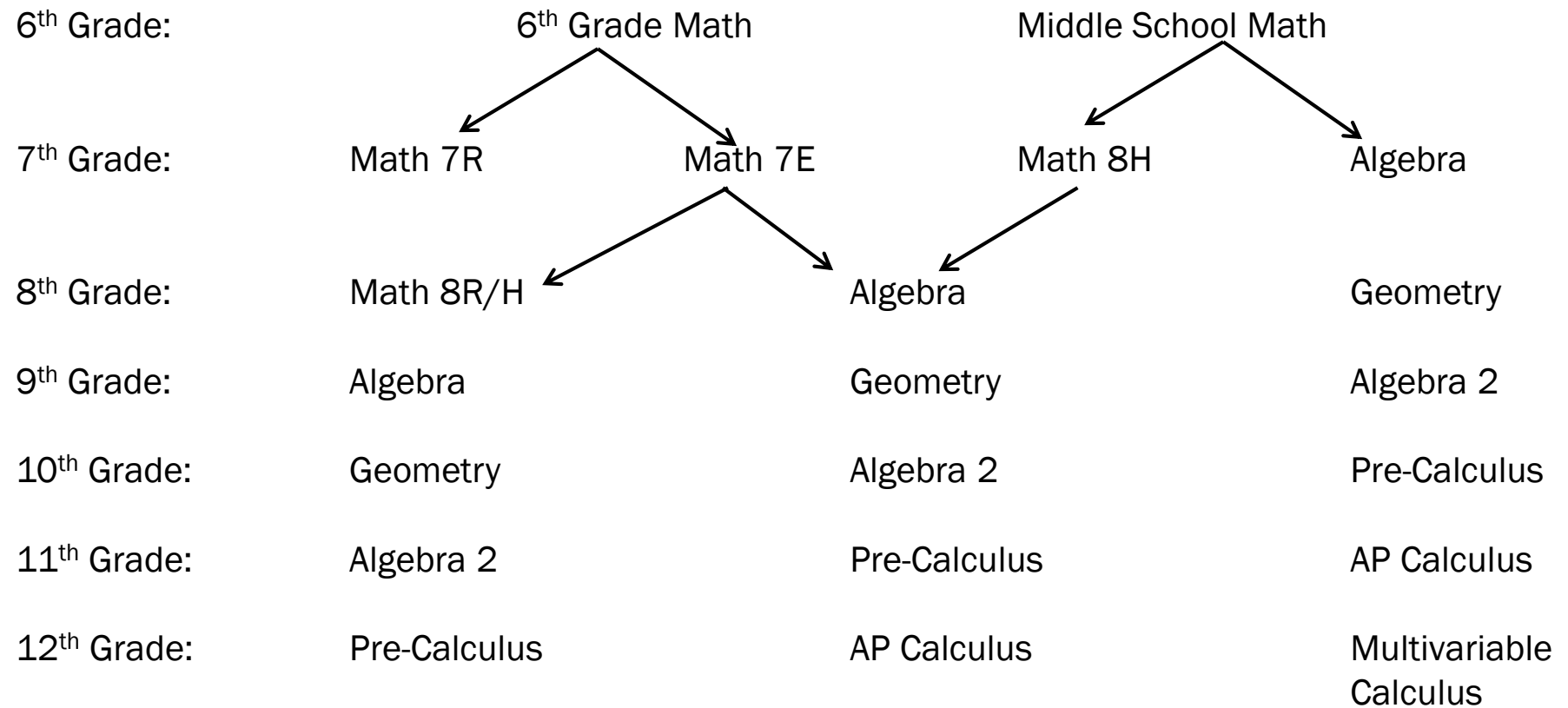
Using Multiple Indicators to Identify Students

- Math Average on Unit Exams from first 2 trimesters
 - 6th Grade Cognitive Skills Index (CSI)/Inview From Spring 2016.
 - Teacher Recommendation
- 


ELEMENTARY-MIDDLE SCHOOL FLOWCHART



SECONDARY MATH FLOWCHART



FACT FLUENCY

- ❖ Kindergarten - Identifying numbers up to 10
 - ❖ First Grade - Addition and Subtraction within 10
 - ❖ Second Grade - Addition and Subtraction within 20
 - ❖ Third Grade - Addition and Subtraction within 20,
Multiplication and Division 5 table
 - ❖ Fourth Grade – Assumed Addition and Subtraction
Mastery, Multiplication and Division
through 12
 - ❖ Fifth & Sixth – Multiplication and Division Facts
through 12
- 

ELEMENTARY MATH WEBSITES

Shelter Rock Math Website

<http://www.manhassettschools.org/Domain/431>

Munsey Park Math Website

<http://www.manhassettschools.org/Domain/381>



Thank You

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516-267-7570