



# Academic Update February 2021

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# Agenda

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- Winter 2021 MAP Testing Update
- Winter 2021 Intersession Update

# Winter MAP Testing Update

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- Remote Testing in Advisory Groups
- Shorter test (20 questions vs 40-50)
- Grades 6-12
- Remote testing attendance is lower than in person, (missing about 30% at lower, 11% at upper, usually missing about 3-5% )
- Subgroup summaries especially impacted by missing data
- Caution: validity of results from remote administration remains a concern

# NWEA MAP: Initial findings on student achievement and growth during Covid-19

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- In fall of 2020, students in grades 3-8 performed similarly in READING to same grade students in fall of 2019, but about 5-10 percentile points in MATH
- Growth observed during Covid-19 but less than prior years for math
- Subgroup data is incomplete, due to disproportionate impact of Covid that are likely to lead to missing data

# MAP Achievement Norms by grade

2020 Reading Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	136.65	12.22	146.28	11.78	153.09	12.06
1	155.93	12.66	165.85	13.21	171.40	14.19
2	172.35	15.19	181.20	15.05	185.57	15.49
3	186.62	16.65	193.90	16.14	197.12	16.27
4	196.67	16.78	202.50	16.25	204.83	16.31
5	201.16	16.36	203.12	15.88	210.36	16.37
6	210.17	16.46	213.81	15.98	215.36	16.03
7	214.20	16.51	217.09	16.21	218.36	16.38
8	218.01	17.04	220.52	16.69	221.66	16.87
9	218.90	19.02	220.52	18.73	221.40	19.03
10	221.47	17.92	222.91	17.81	223.51	18.20
11	223.53	17.73	224.64	17.80	224.71	18.50
12	223.80	19.32	223.85	21.21	224.33	23.08

2020 Mathematics Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	139.56	12.45	150.13	11.94	157.11	12.03
1	160.05	12.43	170.18	12.59	176.40	13.18
2	175.04	12.98	184.07	13.01	189.42	13.44
3	188.48	13.45	196.23	13.64	201.08	14.11
4	199.55	14.40	206.05	14.90	210.51	15.56
5	203.13	13.13	214.76	13.88	218.73	16.76
6	214.75	16.12	219.56	16.74	222.88	17.47
7	220.21	17.41	224.04	17.96	226.73	18.60
8	224.92	18.94	228.12	19.33	230.30	19.95
9	226.43	19.83	228.67	20.06	230.03	20.63
10	229.07	20.23	231.21	20.61	232.42	21.25
11	231.72	20.61	233.49	20.91	234.25	21.65
12	233.02	21.60	233.31	23.07	234.19	24.63

# EBIA students in relation to NWEA norms: Grades 6-8

MAP MATH Score Range	6	7	8	TOTAL TESTED
<b>Total Students</b>	<b>67</b>	<b>85</b>	<b>94</b>	<b>246</b>
< 200	14%	7%	4%	
200-209	21%	11%	2%	
210-219	32%	21%	12%	
220-230	29%	33%	20%	
> 230	6%	29%	65%	
<b>NWEA 50th percentile or higher</b>	<b>&gt; 220 = 30%</b>	<b>&gt; 224 = 45%</b>	<b>&gt; 228 = 65%</b>	

MAP READING Score Range	6	7	8	TOTAL TESTED
<b>Total Students</b>	<b>76</b>	<b>92</b>	<b>87</b>	<b>255</b>
< 200	22%	11%	5%	
200-209	14%	19%	7%	
210-219	24%	19%	23%	
220-230	22%	29%	22%	
> 230	17%	25%	44%	
<b>NWEA 50th percentile or higher</b>	<b>&gt; 213 = 59%</b>	<b>&gt; 217 = 57%</b>	<b>&gt; 220 = 63%</b>	

# EBIA students mapped to standards\*: grades 6-8

MATH MAP Alignment with SBAC										
Grade	Met or Exceeded		Not Met	%	Nearly Met	%	Met	%	Exceeded	%
6	13%		100-213	49%	214-226	37%	227-236	10%	237-250	3%
7	28%		100-218	34%	219-232	38%	233-243	18%	244-350	11%
8	45%		100-225	31%	226-239	24%	240-249	29%	250-350	16%

READING Alignment with SBAC										
Grade	Met or Exceeded		Not Met	%	Nearly Met	%	Met	%	Exceeded	%
6	50%		100-203	25%	204-216	25%	217-229	30%	230-250	20%
7	51%		100-207	22%	208-220	27%	221-233	37%	234-250	14%
8	60%		100-210	14%	211-223	26%	224-237	31%	238-250	29%

\* Based on 2017 NWEA mapping study

# Did students below or approaching grade level exhibit growth since fall?

MATH: yes

Grade	Average Growth in RIT (fall to winter)
6	1.82
7	4.69
8	4.7
Total	3.73

READING: no

Grade	Average Growth in RIT (fall to winter)
6	-2.7
7	-2.6
8	-2.6
Total	-2.6



# Grades 6-8 by demographic detail

MATH	Total Tested	Total On/Above Grade Level	Not Met	% of subgroup	Nearly Met	% of subgroup	Met	% of subgroup	Exceeded	% of subgroup
Am Indian/ Alaska Native	1	0%	0	0%	1	100%	0	0%	0	0%
Asian	12	42%	5	42%	2	17%	2	17%	3	25%
Black or African American	60	20%	34	57%	14	23%	8	13%	4	7%
Hispanic	101	24%	36	36%	41	41%	16	16%	8	8%
Two or More Races	23	35%	7	30%	8	35%	4	17%	4	17%
White	46	54%	9	20%	12	26%	18	39%	7	15%

READING	Total Tested	Total On/Above Grade Level	Not Met	% of subgroup	Nearly Met	% of subgroup	Met	% of subgroup	Exceeded	% of subgroup
Am Indian/ Alaska Native	1	100%	0	0%	0	0%	1	100%	0	0%
Asian	18	39%	2	11%	9	50%	1	6%	6	33%
Black or African American	70	39%	20	29%	23	33%	18	26%	9	13%
Hispanic	103	48%	24	23%	30	29%	36	35%	13	13%
Two or More Races	19	74%	3	16%	2	11%	9	47%	5	26%
White	45	80%	3	7%	6	13%	18	40%	18	40%

# EBIA students in relation to NWEA norms and 8th grade mapping: grades 9-12

MAP MATH Average Score Range	9	10	11	12
<b>Total Students</b>	<b>54</b>	<b>64</b>	<b>54</b>	<b>49</b>
<209	10%	10%	9%	4%
210-219	11%	6%	9%	4%
220-229	20%	17%	15%	14%
230-240	24%	20%	20%	12%
> 240	35%	48%	48%	65%
<b>NWEA 50th percentile or higher</b>	<b>60%</b>	<b>63%</b>	<b>57%</b>	<b>76%</b>
<b>8th grade level and above</b>	<b>35%</b>	<b>48%</b>	<b>48%</b>	<b>65%</b>

# EBIA students in relation to NWEA norms and 8th grade mapping: grades 9-12

MAP READING Average Score Range	9	10	11	12
<b>Total Students</b>	<b>50</b>	<b>60</b>	<b>51</b>	<b>49</b>
<209	8%	17%	20%	10%
210-219	20%	17%	12%	12%
220-230	38%	23%	16%	16%
230-240	22%	22%	20%	37%
> 240	12%	25%	35%	24%
<b>NWEA 50th percentile or higher</b>	<b>77%</b>	<b>66%</b>	<b>59%</b>	<b>78%</b>
<b>8th grade level and above</b>	<b>34%</b>	<b>47%</b>	<b>55%</b>	<b>61%</b>

# Similar fall-to-winter growth pattern in grades 9-12

MATH Fall to Winter growth		9	10	11	12
Negative Growth	< 0	37%	27%	28%	20%
0-2 RIT score	0-2	9%	13%	17%	10%
3-6 RIT score	3-6	11%	16%	13%	12%
>6 RIT score	> 6	41%	34%	43%	41%

READING Fall to Winter growth		9	10	11	12
Negative Growth	< 0	60%	65%	69%	59%
0-2 RIT score	0-2	8%	5%	10%	4%
3-6 RIT score	3-6	12%	12%	14%	2%
>6 RIT score	> 6	20%	10%	6%	18%

# Grades 9-12 by demographic detail

<b>MATH</b>	<b>Below 8th</b>	<b>8th grade and above</b>	<b>Total Students</b>
Am Indian/ Alaska Native	100%	0%	1
Asian	47%	53%	15
Black or African American	76%	24%	41
Hispanic	62%	38%	73
Native Hawaiian	67%	33%	3
Two or more races	41%	59%	32
White	25%	75%	56

<b>READING</b>	<b>Below 8th</b>	<b>8th grade and above</b>	<b>Total Students</b>
Am Indian/ Alaska Native	100%	0%	1
Asian	53%	47%	15
Black or African American	67%	33%	33
Hispanic	72%	28%	71
Native Hawaiian	0%	100%	1
Two or more races	42%	58%	31
White	21%	79%	58

# Winter Intersession: E-Explorations

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- Combination of synchronous and asynchronous explorations
  - Lower School: art, music, theatre, identity/SEL, Prey & Predator (science), game creation (coding), kitchen science, videos for change (digital media)
  - Upper School: career exploration through Nepris (Kaiser health, other), PSAT practice test and debrief, Moving On/Moving Out (parent led sessions on life skills, gap year), Life After EBIA (alumni panel)
- Credit/Skill recovery
- PLP preparation

# E-Explorations (cont'd)

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