

DEPARTMENT OF CURRICULUM & INSTRUCTION
Wilmette Public Schools

INFORMATION ITEM

Date: November 16, 2020

To: Kari Cremascoli, Ph.D.
Superintendent

From: Katie S. Lee
Administrator for Curriculum & Instruction

Subject: 2020 Fall Assessment Report

BACKGROUND

The Department of Curriculum and Instruction presents a yearly update of spring testing results for Northwest Evaluation Association's Measure of Academic Progress (MAP Growth) and the state-mandated assessment, the Illinois Assessment of Readiness (IAR). During the 2018-2019 school year, students statewide took the IAR for the first time replacing the Partnership for Assessment of Readiness for College and Careers (PARCC). The fall assessment report usually presents Spring MAP Growth (Fall to Spring comparison period) and Spring IAR results from the previous academic year.

INTRODUCTION

On March 13, 2020, Governor Pritzker made an emergency declaration to close schools statewide. Unfortunately, the 2019-2020 school year ended with teaching and learning occurring remotely as the community needed to abide by the Stay at Home order. Under the unique circumstances, Illinois State Board of Education (ISBE) suspended all state assessments on March 27, 2020 and District 39 followed its lead to cancel all district level assessments. Therefore, there are no Spring 2020 IAR results or Fall to Spring MAP Growth results to share this fall 2020.

2020-2021 D39 ASSESSMENT PLAN

District 39 will implement district level assessments for universal screening similar to the pre-pandemic assessment calendar. MAP Growth in grades 2-8 will be administered fall, winter, spring and D39 families will receive the results for their child(ren) after each administration. In addition, as of November 11, 2020, ISBE released an updated Illinois State Assessment information¹ that outlines test dates for state mandated assessments including the IAR for grades 3-8. District 39 will monitor ISBE's assessment guidance as it is released throughout the year.

¹ <https://www.isbe.net/Documents/State-Assessment-Dates-2020-21.pdf>

Measure of Academic Progress (MAP Growth)

Introduction

MAP Growth is a computer-adaptive assessment that is used to monitor student achievement and growth over time. Grades two through eight students are assessed three times yearly (fall, winter, and spring) in reading and mathematics.

This report is different from past assessment reports. With the absence of Fall 2019 to Spring 2020 data to measure student progress for last year's academic achievement and growth, the Department of Curriculum and Instruction will present data for Fall 2019 to Fall 2020 achievement and growth comparison period. This data will serve two purposes -- it provides data that will offer an opportunity of reflection for the unique 2019-2020 school year as well as *serve as a baseline/starting point* for the current 2020-2021 school year to measure achievement and growth.

Achievement Data

Historically, the Board has been presented with comparisons of scaled scores from year-to-year in grade level cohorts. Therefore, District 39 cohort data for MAP Growth has been organized in Tables 1 and 2 for reading and mathematics respectively. The display includes district mean RIT (Rasch Unit) scores, percentage of students' scores in the average or above range nationally, and percentage of students who have met projected *fall to fall* growth targets.

Table 1: Reading Achievement FALL

MAP Growth Reading 2017 - 2020 Growth Comparison Period -- Fall to Fall								
	Fall Baseline Data	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Class of 2019 Current Grade 10	Mean RIT Score						226	229
	% Avg & Above (NPR)						85%	95%
	% Meeting Projected Growth						N/A	54%
Class of 2020 Current Grade 9	Mean RIT Score					223	226	230
	% Avg & Above (NPR)					85%	96%	94%
	% Meeting Projected Growth					N/A	52%	49%
Class of 2021 Current Grade 8	Mean RIT Score				218	223	227	231
	% Avg & Above (NPR)				87%	96%	95%	95%
	% Meeting Projected Growth				N/A	55%	54%	60%
Class of 2022 Current Grade 7	Mean RIT Score			210	216	223	227	
	% Avg & Above (NPR)			85%	94%	97%	96%	
	% Meeting Projected Growth			N/A	44%	65%	59%	
Class of 2023 Current Grade 6	Mean RIT Score		200	211	216	221		
	% Avg & Above (NPR)		84%	95%	94%	93%		
	% Meeting Projected Growth		N/A	65%	43%	59%		
Class of 2024 Current Grade 5	Mean RIT Score	185	201	209	217			
	% Avg & Above (NPR)	88%	94%	93%	96%			
	% Meeting Projected Growth	N/A	59%	57%	55%			
Class of 2025 Current Grade 4	Mean RIT Score	183	200	211				
	% Avg & Above (NPR)	86%	93%	96%				
	% Meeting Projected Growth	N/A	65%	59%				
Class of 2026 Current Grade 3	Mean RIT Score	183	202					
	% Avg & Above (NPR)	87%	97%					
	% Meeting Projected Growth	N/A	74%					
Class of 2026 Current Grade 2	Mean RIT Score	188						
	% Avg & Above (NPR)	92%						
	% Meeting Projected Growth	N/A						

Fall National Mean RIT Scores		
Reading	National Mean RIT Score Range	National Mean RIT Score
Grade 2	164-185	175
Grade 3	178-199	188
Grade 4	188-209	198
Grade 5	195-216	206
Grade 6	201-221	211
Grade 7	204-225	214
Grade 8	207-228	217

Based on 2015 Norms Study - Student Achievement Percentiles

Table 2: Mathematics Achievement FALL

MAP Growth Math 2017 - 2020 Growth Comparison Period -- Fall to Fall								
	Fall Baseline Data	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Class of 2019 Current Grade 10	Mean RIT Score						233	243
	% Avg & Above (NPR)						94%	96%
	% Meeting Projected Growth						N/A	75%
Class of 2020 Current Grade 9	Mean RIT Score					227	235	243
	% Avg & Above (NPR)					94%	94%	94%
	% Meeting Projected Growth					N/A	58%	66%
Class of 2021 Current Grade 8	Mean RIT Score				223	228	235	242
	% Avg & Above (NPR)				96%	97%	96%	97%
	% Meeting Projected Growth				N/A	46%	52%	64%
Class of 2022 Current Grade 7	Mean RIT Score			211	226	228	235	
	% Avg & Above (NPR)			95%	97%	95%	97%	
	% Meeting Projected Growth			N/A	57%	44%	54%	
Class of 2023 Current Grade 6	Mean RIT Score		199	213	224	228		
	% Avg & Above (NPR)		95%	93%	95%	94%		
	% Meeting Projected Growth		N/A	69%	55%	42%		
Class of 2024 Current Grade 5	Mean RIT Score	185	199	212	222			
	% Avg & Above (NPR)	89%	94%	93%	94%			
	% Meeting Projected Growth	N/A	67%	63%	39%			
Class of 2025 Current Grade 4	Mean RIT Score	184	200	211				
	% Avg & Above (NPR)	89%	94%	95%				
	% Meeting Projected Growth	N/A	68%	48%				
Class of 2026 Current Grade 3	Mean RIT Score	183	197					
	% Avg & Above (NPR)	88%	98%					
	% Meeting Projected Growth	N/A	59%					
Class of 2027 Current Grade 2	Mean RIT Score	186						
	% Avg & Above (NPR)	93%						
	% Meeting Projected Growth	N/A						

Fall National Mean RIT Scores		
Math	National Mean RIT Score Range	National Mean RIT Score
Grade 2	168-186	177
Grade 3	182-199	190
Grade 4	193-211	202
Grade 5	202-221	211
Grade 6	207-228	218
Grade 7	211-234	223
Grade 8	214-238	226

Based on 2015 Norms Study - Student Achievement Percentiles

Achievement Status and Growth Data

Although achievement data is meaningful, progress is measured by how much "growth" students make over time, typically from one year to the next. When achievement and growth data are used *together*, it can provide insight into student learning.

For example, MAP's Achievement Status and Growth Report applies a Student Growth Percentile Model to display students according to achievement and growth rankings in a quadrant chart:

- ***high achievement/high growth*** - Students whose achievement and growth percentiles are above the 50th percentile as compared with national peers.
- ***high achievement/low growth*** - Students whose achievement percentiles are above the 50th percentile, but whose growth percentiles are below the 50th percentile as compared with national peers.
- ***low achievement/high growth*** - Students whose achievement percentiles are below the 50th percentile, but whose growth percentiles are above the 50th percentile as compared with national peers.
- ***low achievement/low growth*** - Students whose achievement and growth percentiles are below the 50th percentile as compared with national peers.

Tables 3 and 4 provide the percentage of District 39 students in each quadrant by grade level in reading and mathematics respectively using ***fall to fall*** growth comparison period.

Table 3: Reading Achievement Status and Growth - Fall 2019 - Fall 2020

MAP Growth Reading Achievement Status and Growth Summary Growth Comparison Period -- Fall to Fall							
	Fall Baseline Data	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Class of 2020 Current Grade 9	High Achievement High Growth					45%	47%
	High Achievement Low Growth					41%	39%
	Low Achievement High Growth					3%	4%
	Low Achievement Low Growth					11%	10%
Class of 2021 Current Grade 8	High Achievement High Growth				50%	49%	55%
	High Achievement Low Growth				38%	40%	30%
	Low Achievement High Growth				3%	3%	4%
	Low Achievement Low Growth				8%	9%	11%
Class of 2022 Current Grade 7	High Achievement High Growth			38%	57%	52%	
	High Achievement Low Growth			43%	31%	35%	
	Low Achievement High Growth			3%	6%	4%	
	Low Achievement Low Growth			15%	6%	9%	
Class of 2023 Current Grade 6	High Achievement High Growth		59%	37%	54%		
	High Achievement Low Growth		30%	43%	28%		
	Low Achievement High Growth		3%	3%	3%		
	Low Achievement Low Growth		8%	17%	15%		
Class of 2024 Current Grade 5	High Achievement High Growth	50%	50%	47%			
	High Achievement Low Growth	32%	32%	38%			
	Low Achievement High Growth	8%	4%	5%			
	Low Achievement Low Growth	10%	12%	10%			
Class of 2025 Current Grade 4	High Achievement High Growth	50%	48%				
	High Achievement Low Growth	30%	35%				
	Low Achievement High Growth	13%	8%				
	Low Achievement Low Growth	8%	9%				
Class of 2026 Current Grade 3	High Achievement High Growth	63%					
	High Achievement Low Growth	24%					
	Low Achievement High Growth	8%					
	Low Achievement Low Growth	4%					

Table 4: Mathematics Achievement Status and Growth - Fall 2019 - Fall 2020

MAP Growth Math Achievement Status and Growth Summary Growth Comparison Period -- Fall to Fall							
	Fall Baseline Data	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Class of 2019 Current Grade 9	High Achievement High Growth					53%	62%
	High Achievement Low Growth					28%	27%
	Low Achievement High Growth					6%	5%
	Low Achievement Low Growth					13%	7%
Class of 2021 Current Grade 8	High Achievement High Growth				39%	47%	59%
	High Achievement Low Growth				44%	38%	28%
	Low Achievement High Growth				6%	5%	4%
	Low Achievement Low Growth				11%	10%	9%
Class of 2020 Current Grade 7	High Achievement High Growth			47%	38%	49%	
	High Achievement Low Growth			36%	39%	29%	
	Low Achievement High Growth			7%	8%	5%	
	Low Achievement Low Growth			10%	14%	17%	
Class of 2021 Current Grade 6	High Achievement High Growth		63%	49%	35%		
	High Achievement Low Growth		24%	32%	41%		
	Low Achievement High Growth		4%	6%	5%		
	Low Achievement Low Growth		9%	13%	18%		
Class of 2022 Current Grade 5	High Achievement High Growth	52%	54%	36%			
	High Achievement Low Growth	29%	28%	39%			
	Low Achievement High Growth	7%	6%	2%			
	Low Achievement Low Growth	12%	12%	23%			
Class of 2023 Current Grade 4	High Achievement High Growth	60%	40%				
	High Achievement Low Growth	23%	39%				
	Low Achievement High Growth	7%	5%				
	Low Achievement Low Growth	10%	16%				
Class of 2024 Current Grade 3	High Achievement High Growth	46%					
	High Achievement Low Growth	28%					
	Low Achievement High Growth	12%					
	Low Achievement Low Growth	15%					

Analyses and Trends in MAP Growth Assessment Data

District 39 students continue to demonstrate overall high achievement. District 39 students mean RIT scores indicate performance that is a grade or more advanced than national peers. In addition, the percentage of students who fall in the average/above average range for achievement has been within 90-99% range.

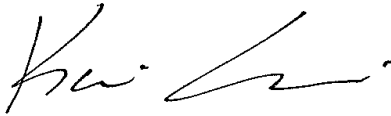
The typical growth range as determined by the 2015 NWEA norms study is from 50% - 60% of students in any given district. The percentage of District 39 students meeting or exceeding projected growth targets (defined as high growth) regardless of achievement level (high or low) falls within or slightly beyond 50% - 60% benchmark range:

- All grades for Reading
- All grades for Math *except* current grades 4, 5, 6.
- Fall 2019 - Fall 2020 Math growth for students in current grades of 4, 5, 6 (reflecting their 3rd, 4th, and 5th grade performance respectively) is inconsistent with past patterns of performance.

CONCLUSION

In District 39, assessment results continue to inform instructional decisions. Best instructional practices emphasize the use of multiple assessments and data points to determine student strengths and challenges. Along with assessment results, classroom performance, social-emotional skills, and other non-cognitive factors provide a comprehensive picture of achievement and growth.

Recommended for presentation to the Board of Education,



Kari Cremascoli, Ph.D., Superintendent