## WWPS Student Achievement:

 Progress Toward Goals Board of Education February 22, 2021
## Tonight's

 Goals

## Learning Targets:

1. With all that is going on, why test?
2. What should we expect when we didn't expect pandemic learning?
3. How did WWPS results compare to achievement \& growth from across the country?
4. What now? How to use this information to support students

## Michigan's Return to Learn Plan

- Benchmark assessment
- All students in grades $\mathrm{K}-8$
- Fall: September 21-October 30

ㅁ Winter: January 14 - February 12


- Spring: Tentative - April 26 - May 27
- Assess proficiency in reading \& mathematics.
- Required:
$\square$ Goals aligned to state standards
- Provide Information on student achievement
$\square$ Provide immediate feedback to students and teachers
- Nationally normed
$\square$ Be the same test administered in prior years

> *Grades 9-12 used PLC common assessment data to monitor student progress
$\square$ Allows for consistent data

## Thank you

FIgure 1. Mathematics forecast


## What summer learning loss can tell us about the effects of Covid-19

What should we
expect when we didn't expect pandemic learning?


## MEASURING NATIONWIDE EFFECTS

## NWEA Study



- Data from 4.4 M students in grades 3-8
- Study Goals
- Comparison - This fall to a typical year
- Growth since March 2020
- Did it match predictions?


## How does Fall 2020 compare?



- NWEA compared tests delivered remotely and in-person in Fall 2020.
- Quality of the data?
- Increased distractions
- Unfamiliar virtual meeting software
- Potential connectivity challenges
- National Findings
- The remote testing experience is consistent BUTmay qualitatively differ for $\mathrm{K}-2$ students.

Figure 2 shows the distribution of change for students in different grade levels for the winter 2020 to fall 2020 period in reading (blue) as compared to same-grade students in the pre-pandemic span of winter 2019 to fall 2019 (red). For reading, the 2019 and 2020 distributions largely overlapped, suggesting similar amounts of within-student change from one grade to the next.




Figure 4: Percentage of students shifting their relative position in the reading test percentile distribution comparing winter 2019-fall 2019 vs. winter 2020-fall 2020


Gainers Maintainers Sliders

## Math

Figure 5: Percentage of students who shifted their relative position in the math test percentile distribution comparing winter 2019-fall 2019 vs. winter 2020-fall 2020

## KEY FINDINGS

> Students in gr. 3 - 8 performed similarly in reading to same-grade students in Fall 2019, BUT about 5 to 10 percentile points lower in math.
> In almost all grades, most students made some learning gains in both reading and math since the COVID-19 pandemic started.
> Some differences by racial/ethnic groups are emerging in the fall 2020 data
> Student groups especially vulnerable to the impacts of the pandemic were more likely to be missing from our data.

## How did WWPS results compare in the fall?


READING

## 

* 

| READING |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2020 NORMS | Fall 2019 Mean RIT | Fall 2020 Mean RIT | Fall 2020 Percentile |
| K | 137 | 139 | 138 | 72 |
| 1 | 156 | 159 | > 156 | 64 |
| 2 | 172 | 174 | 171 | 57 |
| 3 | 187 | 187 | 185 | 50 |
| 4 | 197 | 198 | 197 | 59 |
| 5 | 205 | 204 | 203 | 50 |
| 6 | 210 | 207 | 209 | 50 |
| 7 | 214 | 215 | 213 | 46 |
| 8 | 218 | 217 | 218 | 52 |
| MATH |  |  |  |  |
|  | 2020 NORMS | Fall 2019 Mean RIT | Fall 2020 Mean RIT | Fall 2020 Percentile |
| K | 140 | 137 | 142 | 81 |
| (1) | 160 | 161 | > 159 | 56 |
| 2 | 175 | 176 | 176 | 67 |
| 3 | 189 | 189 | 183 | 29 |
| 4 | 200 | 200 | 195 | 32 |
| 5 | 209 | 207 | 203 | 24 |
| 6 | 215 | 210 | 209 | 25 |
| 7 | 220 | 218 | 216 | 34 |
| 8 | 225 | 223 | 223 | 44 |

## Return

to

## Learn

 Plan
## State Requirements

## House Bill 5913

- By not later than February 1, 2021, the district shall create a report concerning progress made
- Transparency reporting link located on the district's website.
- Must include achievement for all subgroups.
- By not later than the last day of the 20202021 school year, the district shall create a report concerning progress made in meeting the educational goals


## Winter NWEA Achievement Grades K-8

## - MISD Support

- Using growth projections developed under normal testing environments \& typical instructional methods may not be as reliable
[ Normative 2020 student growth predictions that NWEA provided at the student level is typical growth for a typical year


## - OUR GOALS:

During the 2020-21 school year, the district will show growth in Reading \& Math achievement throughout the global pandemic for students in Grade K - 8 as measured on NWEA Map Growth in the aggregate RIT and for all student groups who have at a minimum of 30 students


## GROWTH: Our Findings

- Aggregate K-8 RIT \& sub groups improved from Fall RIT average.
- Reading: Our Students with Disabilities, ELL, African American, Multi-Racial and Asian students' aggregate average Winter 2021 RIT scores remained below average.
- Math: Students with Disabilities, Limited English Proficient, and African American students
- Need for accelerated achievement
- Resources - Expertise and Tools
- PLC Teams
- Continue to meet - Early release time
- Monitor progress and evaluate students' assessment results with other data collected.
- Access NWEA Diagnostic Reports




GROWTH


## Report

## Class Breakdown by Goal



## STUDENT SUPPORTS

- Engage Michigan Partnership - 653 Spots!
- 35A Extended Day - Small Group \& One-on-One
- Title I Math Support - Leveraging AVMR training
- Continued Intervention Support - Reading Recovery
- K-5 Spring Break Camps
- MS Student Advisory
- Ongoing Professional Learning
- Transparency Report - Remote Learning



# Looking Ahead Summer 2021 Supports 

## Elementary

- MISD Partnership
- Intensive Literacy \& Math (gr. 2-5)
- STEM Literacy Virtual Camp
- Virtual Math Mindset Camp
- Kinderconnect \& First Grade Fundamentals
- English Language Learner Camp
- WWPS Title I Literacy and Math Support Programming
- 35A Summer Support (3rd Round RR?)


## Secondary

- MISD Partnership
- Virtual Math Mindset Camp
- Virtual SAT-Khan Academy Camp
- English Language Learner Camp
- MS Skill Development - Literacy \& Math
- WWPS HS Credit Recovery


## THANK YOU FOR YOUR ENGAGEMENT



Figure 1. Mathematics forecast


Figure 2. Reading forecast


## Achievement Status and Growth Summary with Quadrant Chart



1 Norms reference data: Indicates which NWEA
1 norming study your report data draw upon.
2 Growth comparison period: The two terms for
(3) Weeks of instruction: The number of instructional weeks before testing, as set by your school or district administrator.
(4) Optional grouping: You may choose to view results by gender or ethnicity. If your district ubmitted a program file, you may also vie mmary results by special progran
5 Small group display: Summary groups of fewe than 10 students will display when you sele otion while generating reports.
14 Percentile: The percentage of students in the subject area, that this student's score (or group of students' mean score) equaled or exceeded Percentile range is computed by identifying the ercentile ranks of the low and high ends of th RIT range (see entry 13, RIT range)
32 Conditional growth percentile: The conditiona growth index (see entry in translated in

Class

(1) Norms reference data: Indicates which NWEA Norms reference data: Indicates which study your report data draw upon.
3 Weeks of instruction: The number of instructional weeks before testing, as set by your school or district administrator.
5 Small group display: Summary groups of fewe than 10 students will display when you select this option while generating reports.
6 Mean RIT: The group's average score for the subject in the given term
7 Median RIT: The group's middle score for the ubject in the given term if individual score ere ordered from lowest to highest.
8 Standard deviation: The variability of scores within a group. A larger standard deviation wider range of scores.
10 Sampling error: An estimate of the amount of error in an aggregate statistic (commonly the
mean) attributed to calculating the statistic on a population sample rather than on the entire population. The larger the group, the lower the sampling error
11 Goal performance area or instructional area. A learning area (e.g., geometry) within a subject (e.g., math). On the Class Breakdown by Goal eport, click the instructional area to access the earning Continuum Class View.

## Class

Continued

| GROWTH | Class Report |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Kotifani, Jenisha 5th Grade Homeroom |  |  | Term Rostered: <br> Term Tested: <br> District: <br> School: |  | Fall 2015-2016 <br> Fall 2015-2016 <br> NWEA Sample District 3 <br> Three Sisters Elementary |  | Norms Reference Data: Weeks of Instruction: Small Group Display: |  | $2015$ <br> 4 (Fall 2015) No |
| Reading |  |  |  |  |  |  |  |  |  |  |
| Growth: Reading 2-5 CCSS 2010 V2/Language 2-12 CCSS 2010 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Goal Performa <br> A. Literature <br> B. Informationa <br> C. Vocabulary | ce: <br> Text quisition and |  |  |
| Name (Student ID) | Gr | Test Date | $\underset{(+/- \text { Std Err) }}{\substack{\text { RIT } \\ \hline}}$ | $\begin{aligned} & \text { Percentile } \\ & (+/- \text { Std Err) } \end{aligned}$ | Lexile ${ }^{\circledR}$ Range | Test Duration | A | B | C | 19 |
| Dugaw, Daytan N. (SW07001428) | 5 | 09/14/15 | 178-181-184 | 4-5-8 | 158-308 | 75 m | 163-177 | 175-187 | 187-197 16 |  |
| Devany, Noni I. (F09000030) | 5 | 09/14/15 | 184-188-192 | 8-12-18 | 288-438 | 20 m | 185-196 | 185-195 | 177-189 |  |
| Scruggs, Ambrose E. (F10000851) | 5 | 09/14/15 | 194-197-200 | 22-28-35 | 452-602 | 42 m | 191-202 | 191-203 | 192-204 |  |
| Shalifoe, Dyanne E. (F10000849) | 5 | 09/14/15 | 195-198-201 | 25-31-38 | 464-614 | 60 m | 201-213 | 180-201 | 185-198 |  |
| Haukebo-Bol, Zaiden N. (SF0600226) | ) 5 | 09/14/15 | 195-198-201 | 25-31-38 | 457-607 | 53 m | 187-199 | 196-207 | 192-204 |  |
| Wolf, Tiphannie E. (F0800104) | 5 | 09/14/15 | 198-201-204 | 31-38-45 | 513-663 | 25 m | 189-201 | 194-206 | 201-214 |  |
| Vosburg, Mary M. (F09000045) | 5 | 09/14/15 | 202-205-208 | 41-48-56 | 587-737 | 72 m | 198-210 | 211-224 | 187-200 |  |
| Kucia, Javis S. (F0900167) | 5 | 09/14/15 | 204-207-210 | 46-54-61 | 634-784 | 42 m | 198-210 17 | 199-211 | 208-219 |  |
| Valkier, Romeo Moises S. (F0900031) | 5 | 09/14/15 | 208-211-214 | 56-63-71 | 697-847 | 57 m | 210-221 | 205-216 | 200-212 |  |
| Alhamzawi, Drew W. (SF0600225) | 5 | 09/14/15 | 210-213-216 | 61-68-75 | 737-887 | 67 m | 206-218 | 216-229 | 198-211 |  |
| Dimalanta, Kaleigha S. (SF0600178) | 5 | 09/14/15 | 217-220-223 | 77-82-88 | 858-1008 | 29 m | 217-228 | 210-222 | 215-226 |  |

9 Standard error of measurement or error margin: An estimate of the amount of error in $n$ individual's observed achievement score. The
maller the standard error, the more precise the achievement estimate.
ormance are
11 Goal performance area or instructional area: A learning area (e.g., geometry) within a subject
(e.g., math). On the Class Breakdown by Goal Report, click the instructional area to access the Learning Continuum Class View.

13 RIT range: A range of RIT scores defined by the student's RIT score plus and minus one standard error of measurement. If the student took the st again relatively soon, you could expect th
core to fall within this range about $68 \%$ of the time.
14 Percentile: The percentage of students in the NWEA national norm sample, for this grade and subject area, that this student's score (or group of students' mean score) equaled or exceeded Percentile range is computed by identifying the ercentile ranks of the low and high ends of the RIT range (see entry 13, RIT range).
15 Lexile: A measure of the text complexity that helps you identify level-appropriate reading material for individual students.
16 Area of relative strength: Chosen relative to the whole subject score, plus or minus the standar error. Relative
Class Report.
17 Area of relative weakness or suggested area of focus: Chosen relative to the whole subject score, plus or minus the standard error. Relative
weaknesses appear in italics in the Class Report.

19 Goal score or instructional area score: The
student's performance in the instructional rea tested. Most reports show instructiona The Student Profile report shows the midpoint of the student's RIT range. Class Breakdown eports sort students into 10-point RIT bands, based on the midpoint of their instructional area

## Class Breakdown by Goal

## Class Breakdown by Goal Report

| District: | NWEA Sample District 3 |  |
| :--- | :--- | :--- |
| Term Rostered: | Fall 2015-2016 | Modify Options |
| Term Tested: | Fall 2015-2016 |  |
| School: | Three Sisters Elementary |  |
| Instructor: | Kotifani, Jenisha |  |
| Class: | 5th Grade Homeroom |  |

You may select the student's name, RIT band, or the goal name to drill down to the Learning Continuum Class View to see learning statements for the selected data The score in parentheses by the student's name (i.e., Name (219)) represents the student's overall RIT score for this subject.
Class Breakdown by Goal V Create a PDF version of this report Legal $8^{11 / 2} \times 14^{\prime \prime}$ V Create PDF Report

Subject Reading V
Growth: Reading 2-5 CCSS 2010 V2/Language 2-12 CCSS 2010

| Goal | Goal Score 19 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\leq 171$ | 171-180 | 181-190 | 191-200 | 201-210 | 211-220 | $\underline{221+}$ |
| Literature | D. N. Dugaw (181) 12 |  |  | N. I. Devany (188) <br> A. E. Scruggs (197) <br> Z. N. Haukebo-Bol (198) <br> T. E. Wolf (201) | D. E. Shalifoe (198) M. M. Vosburg (205) J. S. Kucia (207) | R. Valkier (211) <br> D. W. Alhamzawi (213) | K. S. Dimalanta (220) |
| $\frac{\text { Informational }}{\text { Text }}$ |  |  | $\begin{aligned} & \text { D. N. Dugaw (181) } \\ & \text { N. I. Devany (188) } \\ & \hline \end{aligned}$ | A. E. Scruggs (197) D. E. Shalifoe (198) T. E. Wolf (201) | $\begin{aligned} & \text { Z. N. Haukebo-Bol (198) } \\ & \text { J. S. Kucia (207) } \\ & \hline \end{aligned}$ | M. M. Vosburg (205) <br> R. Valkier (211) <br> K. S. Dimalanta (220) | D. W. Alhamzawi (213) |
| $\begin{aligned} & \frac{\text { Vocabulary }}{} \\ & \frac{\text { Acquisition }}{\text { and Use }} \end{aligned}$ |  |  | N. I. Devany (188) | D. N. Dugaw (181) <br> A. E. Scruggs (197) <br> Z. N. Haukebo-Bol (198) <br> D. E. Shalifoe (198) <br> M. M. Vosburg (205) | T. E. Wolf (201) <br> R. Valkier (211) <br> D. W. Alhamzawi (213) | J. S. Kucia (207) | K. S. Dimalanta (220) |

11 Goal performance area or instructional area: A learning area (e.g., geometry) within a subject (e.g., math). On the Class Breakdown by Goal
Report, click the instructional area to access the earning Continuum Class View. arning Continuum Class Vew
12 RIT score: A student's overall scale score on the test for a given subject.
19 Goal score or instructional area score: The student's performance in the instructional area tested. Most reports show instructional area scores as RIT ranges (e.g., 187-199). The
Student Profile report shows the midpoint of Student Profile report shows the midpoint of he student's RIT range. Class Breakdown based on the midpoint of their instructional area RIT range.

## Learning Continuum Class View

Reading 2-5, Grouped by Topic

| Learning Continuum - Class View 21 |  |  |
| :---: | :---: | :---: |
| 5th Grade Homeroom |  |  |
| Growth: Reading 2-5 CCSS 2010 V2 |  |  |
| Edit Display Options |  |  |
| Literature |  |  |
| Key Ideas and Details |  |  |
| 171-180 | Setting <br> - Draws conclusions about a setting based on a description 23 <br> - Identifies setting | D. N. Dugaw Overall: 181; Lexile ${ }^{\circledR}$ Range: $158-308 L ;$ Goal Range: $163-177$ |
| 181-190 | Setting <br> - Draws conclusions about a setting based on a description <br> - Identifies setting <br> - Recognizes description of setting | No students |
| 191-200 | Setting <br> - Draws conclusions about a setting based on a description <br> - Identifies details that reveal aspects of setting <br> - Identifies setting <br> - Recognizes description of setting | N. I. Devany Overall: 188; Lexile ${ }^{\circledR}$ Range 288-438L; Goal Range: 185-196 <br> A. E. Scruggs Overall: 197; Lexile ${ }^{\oplus}$ Range 452-602L; Goal Range: 191-202 <br> Z. N. Haukebo-Bol Overall: 198; Lexile ${ }^{\ominus}$ Range 457-607L; Goal Range: 187-199 <br> T. E. Wolf Overall: 201; Lexile ${ }^{\ominus}$ Range $513-663 \mathrm{~L}$; Goal Range: 189-201 |
| $\underline{201-210}$ | Setting <br> - Compares or contrasts setting across literary works <br> - Draws conclusions about a setting based on a description <br> - Identifies details that reveal aspects of setting <br> - Identifies setting <br> - Recognizes description of setting | D. E. Shalifoe Overall: 198; Lexile ${ }^{\oplus}$ Range 464-614L; Goal Range: 201-213 M. M. Vosburg Overall: 205; Lexile ${ }^{\circledR}$ Range 587-737L; Goal Range: 198-210 J. S. Kucia Overall: 207; Lexile ${ }^{\circledR}$ Range 634-784L; Goal Range: 198-210 |
| 211-220 | Setting <br> - Analyzes how setting affects characters <br> - Compares or contrasts setting across literary works <br> - Draws conclusions about a setting based on a description <br> - Identifies details that reveal aspects of setting <br> - Identifies setting <br> - Recognizes description of setting | R. Valkier Overall: 211; Lexile® Range 697-847L; Goal Range: 210-221 <br> D. W. Alhamzawi Overall: 213; Lexile ${ }^{\circledR}$ Range 737-887L; Goal Range: 206-218 |
| 221-230 | Setting <br> - Analyzes how setting affects characters <br> - Analyzes how setting contributes to plot <br> - Compares or contrasts setting across literary works <br> - Draws conclusions about a setting based on a description <br> - Identifies details that reveal aspects of setting | K. S. Dimalanta Overall: 220; Lexile ${ }^{\circledR}$ Range 858-1008L; Goal Range: 217-228 |

21 The Learning Continuum Class View report Shows skills and concepts to develop with groups of students, based on 10-point RIT readiness level.
23 Learning statements: Statements that define 23 Learning statements: Statements that defin

This image has been modified to demonstrate functionality. Actual in-product screens will be slightly different. Learning statements in this example may differ from in-product learning statements.


## ENGAGE Michigan

## What is ENGAGE Michigan?

For many students, going from a traditional classroom to learning from home can be a real challenge. Michigan's Department of Education has partnered with Graduation Alliance to provide an extra layer of support for students in grades $\mathrm{k}-12$ and their families who might be struggling with these changes.

Students who choose to participate in the program will get an academic coach to work with them to answer questions, connect them with resources, and develop a plan to get on track and finish the school year strong.

## How does it work?

Graduation Alliance is reaching out to students through phone calls, emails, text messages and more to get students started.

What does it cost?
There is no cost for the student. ENGAGE Michigan is completely free to students.
How do I sign up?
Call 517.803.4734, or email EngageMI@GraduationAlliance.com to get started.


