Student Learning and Academic Growth

Cass School District 63
February 2024
MAP Assessment Background

- MAP= Measure of Academic Progress
- NWEA- Northwest Evaluation Assessment- not for profit organization that creates academic assessments for students PreK-12
- NWEA MAP Growth Assessment is taken 2-3 times per year to assess student achievement and growth
- Nationally normed, standardized achievement test (2020 norms)
- Adaptive test measuring achievement and growth
  - Student assessment adjusts based on their personal responses
- Upon completion of assessment, a RIT score is provided. This score measures student level of achievement for a particular subject (Math or Reading). This RIT score, based on the Rasch Unit scale, is connected to achievement percentiles. This allows us to compare a student’s RIT score with other students in the same grade and subject.
NWEA MAP Growth- Individual Student Profile

**Mathematics**
- Score: 232
- Standard Error: +/- 3.47
- Possible range: 229-235
- 12/6/2023 - 30 minutes
- Rapid-Guessing %: 3%
- Est. impact of Rapid-Guessing % on RIT: -1
- Growth: Math 2-5 CCSS 2010 1.1

**Comparisons**
- Growth & Achievement Measures
  - Norms Percentile: 88th (Growth), 96th (Achievement)
  - Quadrant Chart: High Growth, High Achievement

**Instructional Areas**
- Geometry: 224
- Measurement and Data: 226
- Number and Operations: 235
- Operations and Algebraic Thinking: 238

**Growth Goals**
- Spring 2024
- Customize the growth target for this student by setting a growth goal

**Projections**
- Level 4
- Projected result for tests
- Illinois Assessment of Readiness
  - If taken in the spring

**Quantile Measures**
- Quantile: 975Q - 1075Q

The student is ready for instruction in mathematics at a level that is above most of his U.S. national peers. Review his scores in the Instructional Areas to find skills and concepts that will continue to challenge him.
NWEA MAP Growth - Individual Student

GROWTH OVER TIME

RIT Score: Mathematics
Projected Score: Mathematics
Average Achievement
Linking Study
IAR

Percentile Bands: 1-20, 21-40, 41-60, 61-80, 81-100, no data

Some future terms are not yet setup in the system.
Compared to his overall score, Maximilian has a strength in Vocabulary. As a student, he can take advantage of this strength when he is learning new material.

He is ready for instruction in reading at a level that is above most of his U.S. national peers. Review his scores in the Instructional Areas to find skills and concepts that will continue to challenge him.

**INSTRUCTIONAL AREAS**

- **214** Literary Text
- **215** Informational Text
- **227** Vocabulary

**GROWTH GOALS**

**SPRING 2024**

- Customize the growth target for this student by setting a growth goal

Past Goals
There are no previous goals for this student.
NWEA MAP Growth - Individual Student

GROWTH OVER TIME

Current RIT Score: 218
Projected RIT Score: 220
Average Achievement: 210

Percentile Bands: 1-20, 21-40, 41-60, 61-80, 81-100, no data

Some future terms are not yet setup in the system.
Student Action Plans

ELA: Small group work with teacher and assistant, Literacy Specialists, ELL support, reinforce comprehension strategies and vocabulary, teach test taking strategies, HMH guided reading groups, assessments in alternate location, Lexia, Spellography, ReadWorks. IEW (Institute for Excellence in Writing)

Progress monitoring:
Exit slips, IXL, Module Assessments, RtI progress monitoring, HMH Benchmark assessments, Weekend News Journal
MAP Growth Assessment Data - Teacher Use

- Various MAP Growth Reports
- Class Report
  - Shows the break down in each of the instructional areas. This guides instruction and differentiation in the classroom

### Math: Math K-12

**Growth: Math 2-5 CCSS 2010 1.1 / Common Core State Standards Mathematics: 2010**

<table>
<thead>
<tr>
<th>Summary</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of Students With Valid Growth</td>
<td>25</td>
</tr>
<tr>
<td>Score</td>
<td></td>
</tr>
<tr>
<td>Mean RIT Score</td>
<td>214.5</td>
</tr>
<tr>
<td>Median RIT</td>
<td>211.5</td>
</tr>
<tr>
<td>Standard Deviation</td>
<td>15.5</td>
</tr>
<tr>
<td>District Grade-Level Mean RIT</td>
<td>-</td>
</tr>
<tr>
<td>Students At or Above District Grade-Level</td>
<td>-</td>
</tr>
<tr>
<td>Mean RIT</td>
<td>206.1</td>
</tr>
<tr>
<td>Students At or Above Grade-Level Mean RIT</td>
<td>17</td>
</tr>
</tbody>
</table>

#### Overall Performance

<table>
<thead>
<tr>
<th>Growth: Math 2-5 CCSS 2010 1.1 / Common Core State Standards Mathematics: 2010</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lo %ile &lt; 21</td>
<td>1</td>
<td>4%</td>
<td>2</td>
<td>8%</td>
<td>8</td>
<td>33%</td>
<td>7</td>
<td>29%</td>
<td>6</td>
<td>25%</td>
</tr>
<tr>
<td>LoAvg %ile 21-40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avg %ile 41-60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HiAvg %ile 61-80</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hi %ile &gt; 80</td>
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</tbody>
</table>

#### Instructional Area RIT Range

<table>
<thead>
<tr>
<th>Operations and Algebraic Thinking</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
<th>count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number and Operations</td>
<td>1</td>
<td>4%</td>
<td>0</td>
<td>0%</td>
<td>1</td>
<td>4%</td>
<td>8</td>
<td>33%</td>
<td>14</td>
<td>58%</td>
</tr>
<tr>
<td>Measurement and Data</td>
<td>2</td>
<td>8%</td>
<td>5</td>
<td>21%</td>
<td>7</td>
<td>29%</td>
<td>2</td>
<td>8%</td>
<td>8</td>
<td>33%</td>
</tr>
<tr>
<td>Geometry</td>
<td>3</td>
<td>13%</td>
<td>4</td>
<td>17%</td>
<td>3</td>
<td>13%</td>
<td>7</td>
<td>29%</td>
<td>7</td>
<td>29%</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>21%</td>
<td>7</td>
<td>29%</td>
<td>5</td>
<td>21%</td>
<td>3</td>
<td>13%</td>
<td>4</td>
<td>17%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mean RIT Score (+/- Smp Err)</th>
<th>Median RIT</th>
<th>Std Dev</th>
</tr>
</thead>
<tbody>
<tr>
<td>211-214.218</td>
<td>212</td>
<td>15.5</td>
</tr>
<tr>
<td>219-222.226</td>
<td>222</td>
<td>16.7</td>
</tr>
<tr>
<td>211-215.219</td>
<td>208</td>
<td>18.3</td>
</tr>
<tr>
<td>209-213.217</td>
<td>214</td>
<td>18.7</td>
</tr>
<tr>
<td>202-205.208</td>
<td>202</td>
<td>18.0</td>
</tr>
</tbody>
</table>
Achievement Status and Growth with Quadrant Chart
- Breakdown of students with low achievement/high achievement and low growth/high growth
MAP Growth Assessment Data - Grade level Use

- Achievement Status and Growth
  - Winter 2023-Winter 2024 Comparison

<table>
<thead>
<tr>
<th>Student ID</th>
<th>Student Name</th>
<th>WI24 Grade</th>
<th>WI24 Date</th>
<th>RIT Score Range</th>
<th>Achievement Percentile Range</th>
<th>Winter 2023</th>
<th>Winter 2024</th>
<th>Projected RIT Score</th>
<th>Projected Growth</th>
<th>Observed Growth</th>
<th>Observed Growth SE</th>
<th>Growth Index</th>
<th>Met Projected Growth</th>
<th>Conditional Growth Index</th>
<th>Conditional Growth Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>12/6/23</td>
<td>212-215-218</td>
<td>87-92-95</td>
<td></td>
<td></td>
<td>229-232-235</td>
<td>93-96-98</td>
<td>225</td>
<td>10</td>
<td>17</td>
<td>4.7</td>
<td>7</td>
<td>Yes</td>
<td>1.18</td>
<td>88</td>
</tr>
<tr>
<td>4</td>
<td>12/8/23</td>
<td>198-201-204</td>
<td>55-64-72</td>
<td></td>
<td></td>
<td>208-211-214</td>
<td>54-63-71</td>
<td>211</td>
<td>10</td>
<td>10</td>
<td>4.6</td>
<td>0</td>
<td>Yes †</td>
<td>-0.02</td>
<td>49</td>
</tr>
<tr>
<td>4</td>
<td>12/8/23</td>
<td>194-197-200</td>
<td>43-52-61</td>
<td></td>
<td></td>
<td>202-205-208</td>
<td>39-47-56</td>
<td>207</td>
<td>10</td>
<td>8</td>
<td>4.6</td>
<td>-2</td>
<td>No †</td>
<td>-0.37</td>
<td>36</td>
</tr>
</tbody>
</table>

*Note: † indicates a significant improvement.*
MAP Growth Assessment - Building and District

**Concord Elementary**

### Achievement Overview

#### Achievement Winter 2023-2024 Median and Distribution

<table>
<thead>
<tr>
<th>Grade</th>
<th>1st-20th</th>
<th>21st-40th</th>
<th>41st-60th</th>
<th>61st-80th</th>
<th>&gt;80th</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Grades</td>
<td>15%</td>
<td>17%</td>
<td>18%</td>
<td>24%</td>
<td>26%</td>
</tr>
</tbody>
</table>

#### Percentiles Key
- 1st-20th
- 21st-40th
- 41st-60th
- 61st-80th
- >80th

### Achievement by Grade

#### Achievement Winter 2023-2024 Median and Distribution

<table>
<thead>
<tr>
<th>Grade</th>
<th>1st-20th</th>
<th>21st-40th</th>
<th>41st-60th</th>
<th>61st-80th</th>
<th>&gt;80th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 1</td>
<td>23%</td>
<td>18%</td>
<td>17%</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>Grade 2</td>
<td>17%</td>
<td>15%</td>
<td>15%</td>
<td>18%</td>
<td>35%</td>
</tr>
<tr>
<td>Grade 3</td>
<td>13%</td>
<td>29%</td>
<td>15%</td>
<td>27%</td>
<td>25%</td>
</tr>
<tr>
<td>Grade 4</td>
<td>9%</td>
<td>12%</td>
<td>26%</td>
<td>27%</td>
<td>26%</td>
</tr>
</tbody>
</table>

#### Percentiles Key
- 1st-20th
- 21st-40th
- 41st-60th
- 61st-80th
- >80th

More information about this chart - [Link](#)
## MAP Growth Assessment - Building and District

### Concord Elementary

#### Achievement Overview

**Achievement Winter 2023-2024 Median and Distribution**

<table>
<thead>
<tr>
<th>Grade</th>
<th>All Grades</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>28%</th>
<th>4%</th>
<th>13%</th>
<th>28%</th>
<th>27%</th>
</tr>
</thead>
</table>

**Percentiles Key**

- 1st - 20th
- 21st - 40th
- 41st - 60th
- 61st - 80th
- >80th

#### Achievement by Grade

**Achievement Winter 2023-2024 Median and Distribution**

<table>
<thead>
<tr>
<th>Grade</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>28%</th>
<th>4%</th>
<th>13%</th>
<th>28%</th>
<th>27%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 1</td>
<td>5th</td>
<td>7%</td>
<td>16%</td>
<td>26%</td>
<td>24%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 2</td>
<td>6th</td>
<td>8%</td>
<td>14%</td>
<td>26%</td>
<td>29%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 3</td>
<td>7th</td>
<td>12%</td>
<td>25%</td>
<td>33%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 4</td>
<td>8th</td>
<td>3%</td>
<td>19%</td>
<td>36%</td>
<td>22%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Percentiles Key**

- 1st - 20th
- 21st - 40th
- 41st - 60th
- 61st - 80th
- >80th

More information about this chart.
MAP Growth Assessment - Building and District

Cass Jr. High School

Achievement Overview
Cass Jr. High School | Reading

<table>
<thead>
<tr>
<th>Grade</th>
<th>Achievement Winter 2023-2024 - Mean and Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Grades</td>
<td>69th - 6%</td>
</tr>
</tbody>
</table>

Percentiles Key: 1st - 20th, 21st - 40th, 41st - 60th, 61st - 80th, 81st - 100th

Achievement by Grade
Cass Jr. High School | Reading

<table>
<thead>
<tr>
<th>Grade</th>
<th>Achievement Winter 2023-2024 - Mean and Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 5</td>
<td>68th - 7%</td>
</tr>
<tr>
<td>Grade 6</td>
<td>76th - 7%</td>
</tr>
<tr>
<td>Grade 7</td>
<td>64th - 4%</td>
</tr>
</tbody>
</table>

Percentiles Key: 1st - 20th, 21st - 40th, 41st - 60th, 61st - 80th, 81st - 100th
### MAP Growth Assessment - Building and District

#### Cass Jr. High School

**Achievement Overview**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Achievement Winter 2023-2024</th>
<th>Median and Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Grades</td>
<td></td>
<td>8% 16% 20% 27% 31%</td>
</tr>
</tbody>
</table>

Percentiles Key:
- 1st - 20th
- 21st - 40th
- 41st - 60th
- 61st - 80th
- >80th

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**Achievement by Grade**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Achievement Winter 2023-2024</th>
<th>Median and Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 5</td>
<td></td>
<td>7% 21% 12% 29% 31%</td>
</tr>
<tr>
<td>Grade 6</td>
<td></td>
<td>7% 9% 19% 27% 33%</td>
</tr>
<tr>
<td>Grade 7</td>
<td></td>
<td>5% 17% 28% 24% 26%</td>
</tr>
</tbody>
</table>

Percentiles Key:
- 1st - 20th
- 21st - 40th
- 41st - 60th
- 61st - 80th
- >80th

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More information about this chart [link]
3 Year NWEA Mean RIT Comparison - Reading

- 2020 National Norm (Grade level Mean RIT)
- Winter 2022
- Winter 2023
- Winter 2024

Grade Level: 1, 2, 3, 4, 5, 6, 7, 8

RIT Scores:
- Winter 2022: 168.8, 181.2, 185.9, 193.9, 201.1, 202.5, 212.4, 211.9
- Winter 2023: 186.8, 186.1, 196.3, 197.2, 206.6, 215.9, 218.5, 216.5
- 2020 National Norm: 165.85, 170.4, 193.9, 197.2, 206.6, 215.9, 219.3, 228.9

RIT levels indicate reading proficiency levels. Higher scores indicate better reading performance.

Grade Level 1 to 8 shows a generally increasing trend in RIT scores from 2022 to 2024, with some fluctuations.
Successes

- 8th grade students are very prepared for high school. Scores are well above average RIT by the time they leave Cass District 63.

- Early learners during the Covid-19 Pandemic are catching up
  - All 4th grade students (with valid scores) showed growth from Winter 2023 to Winter 2024 on NWEA Reading assessment

- Multi-tiered systems of supports (MTSS) are identifying students who need additional assistance
Things we continue to work on, and remember…

- Teams discuss data early and often
  - Accountability and high expectations for all learners
- Data is a tool, not a weapon.
- We’re in this together- collaboration is crucial
- NWEA MAP scores are one diagnostic data piece considered when making decisions for students, classes, and grade levels
- Supporting students and parents understand data
- Meet every kid where they are at
- All kids are our kids