Superintendent’s Report
December 16, 2019

DEERFIELD PUBLIC SCHOOLS DISTRICT 109
Students scored an average of **26 scale points higher in Math** from 2017 to 2019.

Students scored an average of **23 scale points higher in ERW** from 2017 to 2019.

There has been an overall **49-point increase in the average total scale score** from 2017 to 2019.

There has been a gradual increase in the performance of students in math and ERW at both middle schools.

While District 109 8th graders averaged an increase of 49 scale-score points, students across the State of Illinois only increased by an average of 10 scale-score points and students across the nation only increased by an average of 5 scale-score points in the same time frame.

The District 109 average total scale-score is representative of the **87th national percentile**, as compared to all 8th graders who took the PSAT 8/9 (over 500,000 students). This is an increase from the **81st percentile in 2017**.

The percentage of students not meeting either benchmark for math or reading has **decreased from 12% of District 109 students to only 6% of District 109 students**. This means we have cut the number of students not meeting any benchmarks in half in a 3 year period. Nationally, 42% of students that take the PSAT do not meet either benchmark for college and career readiness.
PSAT Highlights

DPS109 Total Scale Score

- 17-18
- 18-19
- 19-20

Score:
- 944
- 973
- 993
PSAT Highlights

Average Scale Score by Subject

- **Math**: 472 (17-18), 487 (18-19), 498 (19-20)
- **ERW**: 472 (17-18), 486 (18-19), 495 (19-20)
PSAT Highlights

Average Scale Score: State vs. Nation vs. DPS109

- State: 836 (17-18), 842 (18-19), 846 (19-20)
- Nation: 807 (17-18), 807 (18-19), 812 (19-20)
- DPS109: 944 (17-18), 973 (18-19), 993 (19-20)

Improvement:
- State: +10
- Nation: +5
- DPS109: +49
# ECRA Analysis of PSAT

## 2019-2020 Composite Grade 8

<table>
<thead>
<tr>
<th>Test</th>
<th>Student Count</th>
<th>Proficiency</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall PSAT</td>
<td>286</td>
<td>NA</td>
<td>0.30</td>
</tr>
</tbody>
</table>

## 2019-2020 ELA Grade 8

<table>
<thead>
<tr>
<th>Test</th>
<th>Student Count</th>
<th>Proficiency</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall PSAT</td>
<td>286</td>
<td>91%</td>
<td>0.19</td>
</tr>
</tbody>
</table>

## 2019-2020 Mathematics Grade 8

<table>
<thead>
<tr>
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<th>Student Count</th>
<th>Proficiency</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall PSAT</td>
<td>286</td>
<td>81%</td>
<td>0.29</td>
</tr>
</tbody>
</table>

### Color Coding
- **Higher than Expected Growth**
  - Growth is +0.30 or above
- **Expected Growth**
  - Growth from -0.29 to +0.29
- **Lower than Expected Growth**
  - Growth from -0.30 to -0.59
- **Unsatisfactory Growth**
  - Growth is -0.60 or below

DEERFIELD PUBLIC SCHOOLS DISTRICT 109
ECRA Analysis - EBRW and Math Combined

*Growth By Propensity*

<table>
<thead>
<tr>
<th>Propensity</th>
<th>Growth (Effect Size)</th>
<th>Students</th>
<th>High Growth</th>
<th>Expected Growth</th>
<th>Low Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>0.53</td>
<td>42</td>
<td>16 (38%)</td>
<td>22 (52%)</td>
<td>4 (10%)</td>
</tr>
<tr>
<td>Average</td>
<td>0.24</td>
<td>183</td>
<td>40 (22%)</td>
<td>125 (68%)</td>
<td>18 (10%)</td>
</tr>
<tr>
<td>High</td>
<td>0.33</td>
<td>61</td>
<td>17 (28%)</td>
<td>33 (54%)</td>
<td>11 (18%)</td>
</tr>
</tbody>
</table>

**Color Codes:**
- Higher than Expected Growth: Growth is +0.30 or above
- Expected Growth: Growth from -0.29 to +0.29
- Lower than Expected Growth: Growth from -0.30 to -0.59
- Unsatisfactory Growth: Growth is -0.60 or below
# ECRA Analysis - Evidence Based Reading and Writing

## Growth By Propensity

<table>
<thead>
<tr>
<th></th>
<th>Low Propensity</th>
<th>Average Propensity</th>
<th>High Propensity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Growth (Effect Size)</td>
<td>0.04</td>
<td>0.28</td>
<td>-0.01</td>
</tr>
<tr>
<td>Students</td>
<td>31</td>
<td>192</td>
<td>63</td>
</tr>
<tr>
<td>High Growth</td>
<td>5 (16%)</td>
<td>52 (27%)</td>
<td>6 (10%)</td>
</tr>
<tr>
<td>Expected Growth</td>
<td>22 (71%)</td>
<td>117 (61%)</td>
<td>48 (76%)</td>
</tr>
<tr>
<td>Low Growth</td>
<td>4 (13%)</td>
<td>23 (12%)</td>
<td>9 (14%)</td>
</tr>
</tbody>
</table>

- **Higher than Expected Growth**: Growth is +0.30 or above
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ECRA Analysis - Math

_Growth By Propensity_

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<tr>
<th>Propensity</th>
<th>Growth (Effect Size)</th>
<th>Students</th>
<th>High Growth</th>
<th>Expected Growth</th>
<th>Low Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>0.54</td>
<td>44</td>
<td>14 (32%)</td>
<td>26 (59%)</td>
<td>4 (9%)</td>
</tr>
<tr>
<td>Average</td>
<td>0.17</td>
<td>176</td>
<td>25 (14%)</td>
<td>136 (77%)</td>
<td>15 (9%)</td>
</tr>
<tr>
<td>High</td>
<td>0.44</td>
<td>66</td>
<td>26 (39%)</td>
<td>32 (48%)</td>
<td>8 (12%)</td>
</tr>
</tbody>
</table>

- **Higher than Expected Growth**: Growth is +0.30 or above
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Other Happenings

- Winter MAP testing is finishing for all grades.
- Standards Based Grading Survey is closed.
  - Committee of middle school teachers will meet to discuss results, next steps, and recommendations. Scott and Danielle are leading. Changes are coming.
- Middle School Schedule Committee met on Wednesday - Present to Board in January.
- Survey on middle school math after winter break, math department to meet, and report to Board in February.
- State Legislature is back in session in January - Consolidation, Pension Cost-Shift (Equity Boost).
Have a Happy and Safe Winter Break