Presentation Overview

- PISA/OECD @ WHS - Basics
- Scale Score Overview
- Highlights of WHS Results
  - Reading
  - Mathematics
  - Science
- Next Steps
PISA/OECD Basics

Purpose
To monitor district success in an international context

Use
Broad information to adjust district-level strategies

Indicators
Achievement: Reading, Math, Science
Environment: Climate, Engagement

Administration
WHS: 83 15-yr-old students, May 2019
PISA comparison: 80 countries, 2015 and other years
## Scale Score Overview (200 - 800)

### Mean Performance

<table>
<thead>
<tr>
<th></th>
<th>READING</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPS</td>
<td>564</td>
<td>590</td>
<td>559</td>
</tr>
<tr>
<td>United States</td>
<td>497</td>
<td>470</td>
<td>496</td>
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</tbody>
</table>
Scale Score Overview

Note: Shaded bars above and below the mean score represent a 95% confidence interval. In other words, in the case of the results of your school, we are 95% confident that if your school were to administer the test several times to students, your mean performance score would fall within this confidence interval.
Reading (WPS 564)

WHS
- 5% (Light = Below Baseline)
- 73% (Medium = Intermediate)
- 22% (Dark = Top)

USA
- 19% (Light = Below Baseline)
- 72% (Medium = Intermediate)
- 9% (Dark = Top)

Reading performance in selected countries and economies in PISA 2015:
- 535 Singapore
- 527 Hong Kong (China)
- 527 Canada
- 526 Finland
- 521 Ireland
- 517 Korea
- 516 Japan
- 509 Germany
- 503 Netherlands
- 503 Australia
- 499 France
- 498 United Kingdom
- 497 United States
- 495 Russia
- 494 B-S-J-G (China)
- 407 Brazil
Reader Profiles

Percentage of students

Surface and wide readers
- Your School: 5%
- United States: 7%

Deep and wide readers
- Your School: 8%
- United States: 19%

Surface and narrow readers
- Your School: 1%
- United States: 6%

Deep and narrow readers
- Your School: 1%
- United States: 11%

Surface and highly restricted readers
- Your School: 27%
- United States: 20%

Deep and highly restricted readers
- Your School: 58%
- United States: 37%

Note: Values that are statistically significantly different from your school are marked in a darker tone.
Mathematics (WPS 590)

Light = Below Baseline
Medium = Intermediate
Dark = Top

WHS
- 5%
- 52%
- 43%

USA
- 30%
- 64%
- 6%

Mathematics performance in selected countries and economies in PISA 2015

Your School in PISA mathematics scale:
- 700
- 600
- 500
- 400
- 300

564 Singapore
548 Hong Kong (China)
532 Japan
531 B-S-J-G (China)
524 Korea
516 Canada
512 Netherlands
511 Finland
506 Germany
504 Ireland
494 Russia
494 Australia
493 France
492 United Kingdom
470 United States
377 Brazil
Science (WPS 559)

WHS
- 6% Light = Below Baseline
- 73% Medium = Intermediate
- 21% Dark = Top

USA
- 21% Light = Below Baseline
- 71% Medium = Intermediate
- 8% Dark = Top

Science performance in selected countries and economies in PISA 2015

PISA science scale
- 700
- 600
- 500
- 400
- 300

Your School
- 556 Singapore
- 538 Japan
- 531 Finland
- 528 Canada
- 523 Hong Kong (China)
- 518 S-F-G (China)
- 516 Korea
- 510 Australia
- 509 United Kingdom
- 509 Netherlands
- 509 Germany
- 503 Ireland
- 496 United States
- 495 France
- 487 Russia
- 401 Brazil
Next Steps

1. Further analysis of the data around deep and wide reading -- and how this can inform teaching & learning in grades 6-12.

2. Utilize results alongside other key data sets (e.g. MCAS, MWAHS, NEASC) for strategic planning.

3. Consider PISA administration moving forward -- as part of the WPS Strategic Plan.