ABOUT THIS ASSESSMENT
David took the Sample Assessment in Mathematics in Spring 2017. This test asks students to answer questions that measure the knowledge and skills they need to succeed in their grade.

If you have questions about this report, please talk to David’s teacher or principal, or contact Lincoln School District at (800) 555-1234.

WHAT THE RESULTS MEAN
This report will help you answer many questions about David’s knowledge and skills.

• What is David’s Overall Score?
• How did David perform compared to other students in Grade 5?
• How well did David learn specific knowledge and skills in Grade 5 mathematics?
• How likely is David prepared for Grade 6 mathematics?

Level 5
Very strong understanding, highly likely to be fully prepared

Level 4
Strong understanding, likely to be fully prepared

Level 3
Moderate understanding, likely to need additional support to be fully prepared

Level 2
Partial understanding, likely to need substantial support to be fully prepared

Level 1
Minimal understanding, highly likely to need substantial support to be fully prepared

DADVID'S PERFORMANCE ON THE 5TH GRADE MATHEMATICS ASSESSMENT

Performance Level

Students who score in Level 4 show Strong Understanding of the expectations for their grade. They are likely to be fully prepared for Mathematics in the next grade.

Overall Score
2050

Level 5
Likely to be Fully Prepared for the Next Grade

Level 4
2200

Level 3
1800

Level 2
1600

Level 1
1400

Likely to Need Support for the Next Grade

NEXT STEPS
Turn to the second page to learn more about David’s knowledge and skills in mathematics. You will also find more information about his mathematics scores for the last two years, and information about the scores for other 5th grade students in his school, district and state.
**Mathematics Scoring Categories**

**Reasoning with Numbers**
- **At/Above Mastery**: Demonstrates effective reasoning through the use of numbers
- **Below Mastery**: Needs additional support to demonstrate effective reasoning with numbers

**Reasoning with Algebra**
- **At/Above Mastery**: Demonstrates effective reasoning through statistical analysis and related concepts
- **Below Mastery**: Needs additional support to demonstrate effective reasoning with algebra

**Reasoning with Geometry**
- **At/Above Mastery**: Demonstrates effective problem solving and communication skills
- **Below Mastery**: Needs additional support to demonstrate effective geometric reasoning

**Reasoning with Statistics**

**Problem Solving & Communication**

**David’s Performance Compared**

<table>
<thead>
<tr>
<th>Performance Level</th>
<th>Washington Middle</th>
<th>Lincoln District</th>
<th>Jefferson State</th>
<th>Consortium States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 5</td>
<td>06%</td>
<td>10%</td>
<td>08%</td>
<td>10%</td>
</tr>
<tr>
<td>Level 4</td>
<td>24%</td>
<td>32%</td>
<td>20%</td>
<td>26%</td>
</tr>
<tr>
<td>Level 3</td>
<td>40%</td>
<td>36%</td>
<td>42%</td>
<td>38%</td>
</tr>
<tr>
<td>Level 2</td>
<td>22%</td>
<td>18%</td>
<td>18%</td>
<td>20%</td>
</tr>
<tr>
<td>Level 1</td>
<td>08%</td>
<td>04%</td>
<td>12%</td>
<td>06%</td>
</tr>
</tbody>
</table>

Consortium States: Adams, Franklin, Hancock, Hamilton, Jefferson

**David’s Mathematics Performance Level over the Past 3 Years**

<table>
<thead>
<tr>
<th>Year</th>
<th>Grade</th>
<th>Performance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Grade 3</td>
<td>Level 4</td>
</tr>
<tr>
<td>2016</td>
<td>Grade 4</td>
<td>Level 5</td>
</tr>
<tr>
<td>2017</td>
<td>Grade 5</td>
<td>Level 4</td>
</tr>
</tbody>
</table>

**David’s Mathematics Growth over the Past 3 Years**

In 2017, David showed growth that was the same or better than 52% of other Grade 5 students across Jefferson State.

**David’s Strengths & Areas for Improvement**

**David’s strengths are in these areas:**
- Fluently operating with whole numbers, including 2-digit divisors
- Fluently operating with decimals to hundredths
- Fluently adding and subtracting fractions
- Understanding multiplication and division of fractions
- Creating and using line plot displays of measurement data to fractions of a unit
- Clearly explaining the path and the results for a solution

**You can ask David’s teachers:**
What can we do at home, in class, at school to help him continue building his knowledge and skills in these areas?

**David needs to improve his knowledge and skills in these areas:**
- Writing simple expressions to represent mathematical or contextual situations
- Generating patterns from a given rule and identifying the relationship between any two corresponding terms
- Understanding the concept of volume
- Finding the volume of right rectangular prisms

**You can ask David’s teachers:**
What extra support at home, in class, at school does David need so he can improve his knowledge and skills in these areas?