

Achieve3000®

IMPACT REPORT

VALLEY VIEW

Boosting IAR Performance in Valley View Community Unit  
School District with Achieve3000 Literacy



## Introduction

During the fall of the 2015-2016 school year, Valley View Community Unit School District launched its use of Achieve3000 Literacy. After four successful years of usage, Valley View and Achieve3000 initiated a study to assess the impact of the Achieve3000 Literacy platform on student performance on the Illinois Assessment of Readiness (IAR) test. Achieve3000 Literacy is powered by a patented methodology that delivers grade-appropriate lessons to the entire class and simultaneously tailors them according to each student's Lexile® reading level. Achieve3000 Literacy has been proven to accelerate reading comprehension, fluency, writing proficiency, and vocabulary development.

In 2018-2019, there were 5,245 students enrolled in grades 4 through 8 with 47 percent identifying as Hispanic or Latino, 23 percent as White, 19 percent as Black or African American, 6 percent as Asian, 5 percent as two or more races, and less than 1 percent as American Indian, Alaskan Native, Native Hawaiian or Other Pacific Islander. Twelve percent of the students in the study have a Special Education status, 12 percent were English language learners, and 61 percent qualified for free or reduced lunch.

## Methodology

This report relies on internal Achieve3000 Literacy usage and Lexile data as well as IAR ELA data for grades 4-8 from Fall 2018 and Spring 2019. To examine the impact of Achieve3000 Literacy on Lexile growth, a sample group of 5,245 students in fourth through eighth grades who met the following inclusion criteria were identified:

- ✓ Had valid pre-test and end-of-year Lexile scores during the 2018-2019 school year
- ✓ Had at least 60 days between the date of their most recent Lexile assessment and their pre-test
- ✓ Completed at least 10 multiple-choice activity sets following an article in Achieve3000 Literacy



## Measures

### LevelSet

Developed by Achieve3000 in partnership with MetaMetrics®, the LevelSet™ assessment identifies each student's Lexile reading measure and is a reliable means of matching student reading levels to informational text. The LevelSet assessment can be administered up to three times per year—a pre-test at the beginning of the school year, an interim test in the middle of the school year, and a post-test at the end of the school year—to measure student progress and provide a summative measurement of student growth in English or Spanish. Achieve3000 and MetaMetrics developed four grade-specific achievement level descriptors for college and career readiness: falls far below, approaches, meets, and exceeds. Achieve3000 considers students performing in the higher two achievement levels (meets and exceeds) to be “on track” for college and career readiness, whereas students performing in the lower two achievement levels (falls far below and approaches) are considered to be “not-on-track.”

Achieve3000 uses a Bayesian scoring algorithm, also developed by MetaMetrics, to provide continually updated measures that reflect the students' progress in reading development. As the student reads and responds to nonfiction text during their reading lessons, the Bayesian approach continually refines each student's Lexile measure. By using multiple measures over time, the Bayesian scoring algorithm improves the accuracy of measurement as students learn. With this approach, Achieve3000's proprietary engine is able to improve its ability to match students with appropriate texts and to forecast student readiness for college and career benchmarks.

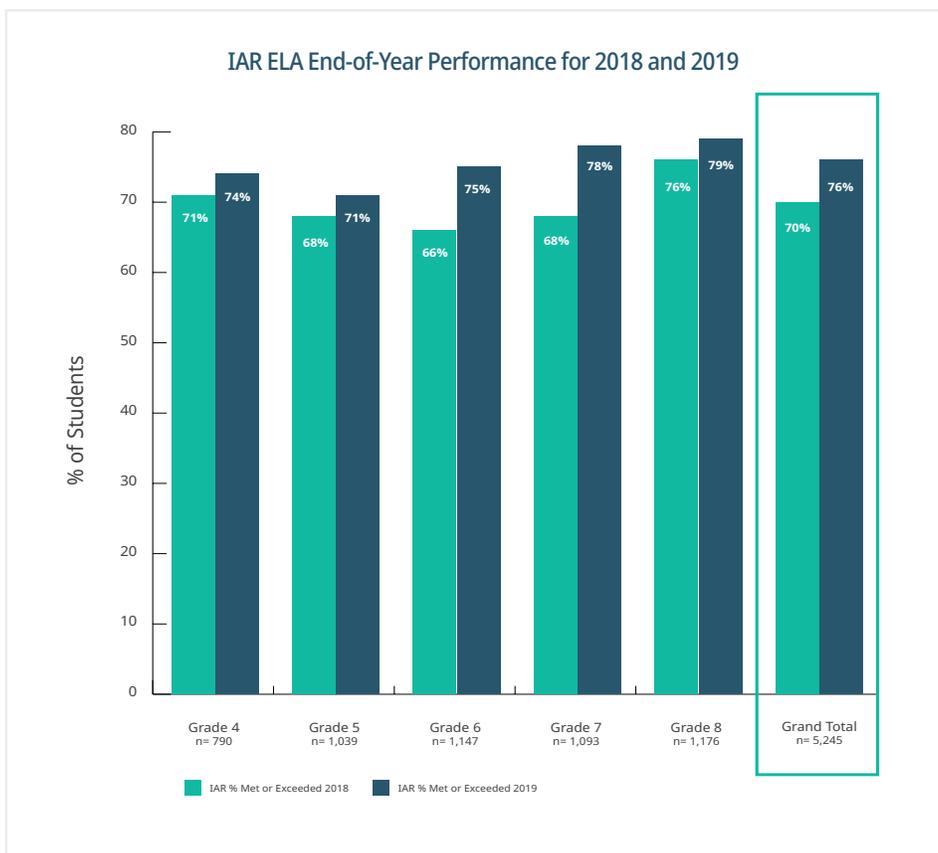
### IAR

The Illinois Assessment of Readiness (IAR) is the state assessment and accountability measure for Illinois students enrolled in a public school district. IAR assesses the New Illinois Learning Standards Incorporating the Common Core.

IAR assessments in English Language Arts and Mathematics are administered each Spring to all students in grades 3-8.

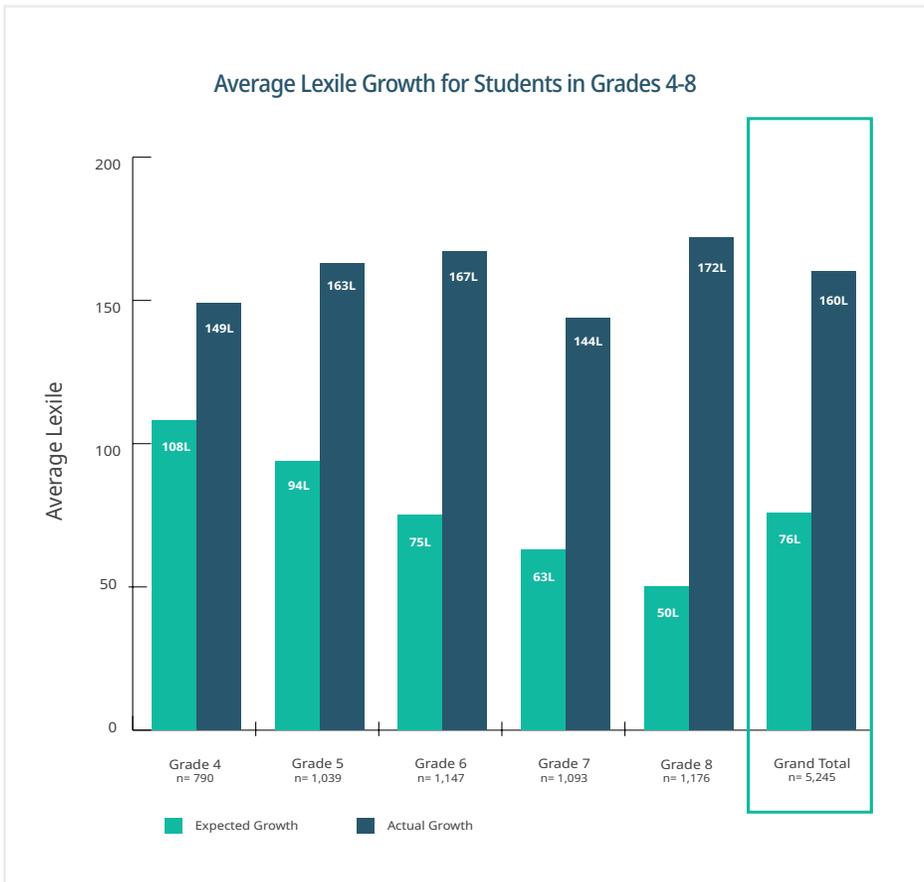
## Results

In 2018, 70 percent of all students using Achieve3000 Literacy in Valley View School District met or exceeded expectations on the IAR ELA and that increased to 76 percent in 2019. Ninety-two percent of the students who performed with high fidelity (i.e., they completed 45 or more multiple-choice activities and had an average first-try score of 75% or higher) met or exceeded standards. This compares favorably to the State of Illinois, in which only 38 percent of all students met or exceeded expectations on the IAR ELA. A strong and positive relationship was found between the Lexile measure in Achieve30000 Literacy and the IAR ELA scale score ( $r = 0.77, p < 0.0001$ ). This means that student performance in Achieve3000 Literacy correlates highly with performance on the IAR.



**6% increase  
 in the number  
 of students  
 who met or  
 exceeded  
 performance  
 expectations!**

*Knowing the strong and positive correlation between the Achieve3000 Lexile measure and the IAR ELA scale score, it is encouraging to note that overall, while expected growth in Lexile for these 5,245 students was at 76L, the students average Lexile gain was an impressive 160L, exceeding expected growth by 84L.*



**Students achieved more than 2x their expected reading growth!**

## Conclusion

Valley View Community Unit School District mission is to “empower ALL learners to be college, career, and life ready and to develop, grow, and achieve as productive citizens.” A strong collaboration between Achieve3000 and the district shows that student literacy is a priority in achieving this mission. The strong performance of the students on the 2018-2019 IAR ELA after using Achieve3000 Literacy demonstrates the success of the district and justifies the proficiency of their educators and leaders.



To learn more about **Achieve3000® Literacy**,  
please contact **1-800-838-8771** or visit **achieve3000.com**

#### **About Achieve3000**

Achieve3000 delivers a comprehensive suite of digital solutions that significantly accelerate and deepen learning in literacy, math, science, social studies, and ELA. Using personalized and differentiated solutions, Achieve3000 enables educators to help all students achieve accelerated growth. For more than five million students in grades PreK-12, Achieve3000 improves high-stakes test performance and drives college and career readiness.

**Achieve3000®**