



CASE STUDY

# Significant Improvement in the Country's Fifth Largest School District

## ABOUT THE DISTRICT

**Name**

Clark County

**Location**

Las Vegas, NV

**Grades**

PreK-5



## Overview

Under the Clark County's Franchise School program, principals who have demonstrated academic growth are asked to supervise an additional school using the same or similar practices that have led to success.

Principal John Haynal is one such principal, and part of his approach to improving outcomes includes *Everyday Mathematics*.

84%

HISPANIC

8%

AFRICAN  
AMERICAN

4%

CAUCASIAN

90%

ELIGIBLE FOR FREE OR  
REDUCED LUNCH

## Everyday Mathematics® helps turn around underperforming schools

When an elementary school in the Clark County School District is struggling, district leaders often turn to Principal John Haynal for help. As part of the Franchise School program, Haynal has already improved outcomes at two elementary schools in the district while continuing to supervise his original or “flagship” school. “You take your flagship school and seed a second school with staff from that flagship school,” he explains. And he says that he always brings in *Everyday Mathematics*, if it isn’t already in place.

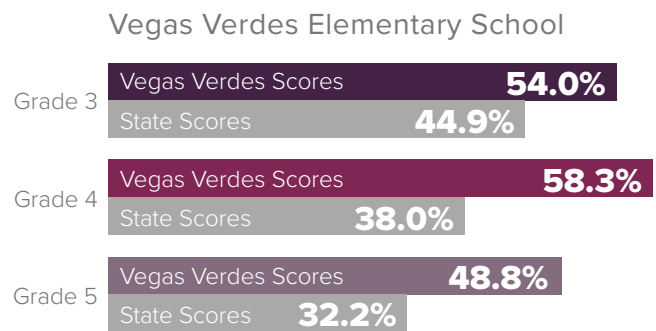
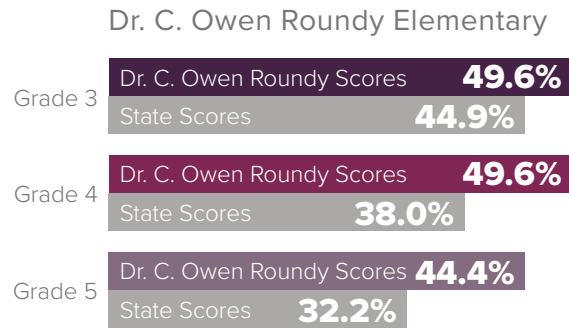
*Everyday Mathematics* is an instructional program that helps students master key concepts by continually revisiting content in a variety of contexts over time. Fifteen of the twenty elementary schools in Clark county are successfully using *Everyday Mathematics* in K–5.

“We are change agents. *Everyday Mathematics* is the change agent tool for children,” says Haynal, noting that with *Everyday Mathematics*, which he first piloted in 2001, students learn that no one algorithm is the “right” way to do math.

“*Everyday Mathematics* shows students that there are three or four ways to multiply, and no one way is wrong,” he adds. “I believe in sustaining consistency. The only way to be successful is if what you taught them in first grade reaches to fifth grade.”

The results Clark County has seen are impressive. In 2017, students at Dr. C. Owen Roundy Elementary and Vegas Verdes Elementary schools performed well above the Nevada average on the 2017 SBAC.

## 2017 SBAC SCORES: Percent Meets or Exceeds



## Implementation for teachers

“*Everyday Mathematics* offers clear-cut guidance for teachers, whether you’re a first-year teacher or have 20 years of experience. You can differentiate instruction to support highs and lows as well as support kids right on program,” says Emily Miles, a fifth math grade teacher.

“*Everyday Mathematics* offers clear-cut guidance for teachers, whether you’re a first-year teacher or have 20 years of experience.”

Emily Miles,  
5th Grade Math Teacher

“With smart boards, we can pull up fact fluencies or math messages, and the students can interact with their eTools,” adds Hali Davis, also a fifth-grade math teacher.

*Everyday Mathematics* has both offline and online tools for students and teachers. Students can log into the platform to get extra practice with eTools or to play games that reinforce what they’ve learned in class and provide engaging opportunities for math practice that students actually enjoy. Teachers can view students’ work online to ascertain how well students understand new concepts.

This information allows teachers to identify students who might need extra help and adjust their lessons accordingly.

## Beyond the math classroom

“*Everyday Mathematics* isn’t just about teaching math. It’s about connecting math concepts to real-world activities,” Haynal says. The *Everyday Mathematics Student Reference Book* supports literacy and provides students experience with research tools. It also provides explanations of key mathematical concepts students are learning in class. It’s a place students can go to get answers to their questions in the classroom or at home.

### ABOUT EVERYDAY MATHEMATICS:

*Everyday Mathematics* is a comprehensive Pre–K through Grade 6 mathematics program engineered for the Common Core State Standards and grounded in an extensive body of research into how children learn. Among the approaches on which the program is most closely based is “distributed practice,” a technique that involves repeated exposures to key ideas in different contexts over time. The program’s signature spiral curriculum uses distributed practice to help students build depth of knowledge and achieve long-term mastery of concepts and skills.



For more information, visit [mheonline.com/em4da](http://mheonline.com/em4da)  
View, comment, share this story online at [DAmag.me/edm](http://DAmag.me/edm)

“*Everyday Mathematics isn’t just about teaching math. It’s about connecting math concepts to real-world activities.*”

John Haynal,  
Principal, Franchise School System

“It helps teach students how to utilize reference books correctly,” says Miles. “If they don’t understand a math box, we don’t want to start on Page 1. We want them to go the glossary, or we’re going to use the table of contents. We can support our reading instruction, and we can do this through *Everyday Mathematics*. It’s an outstanding tool.”