



Name

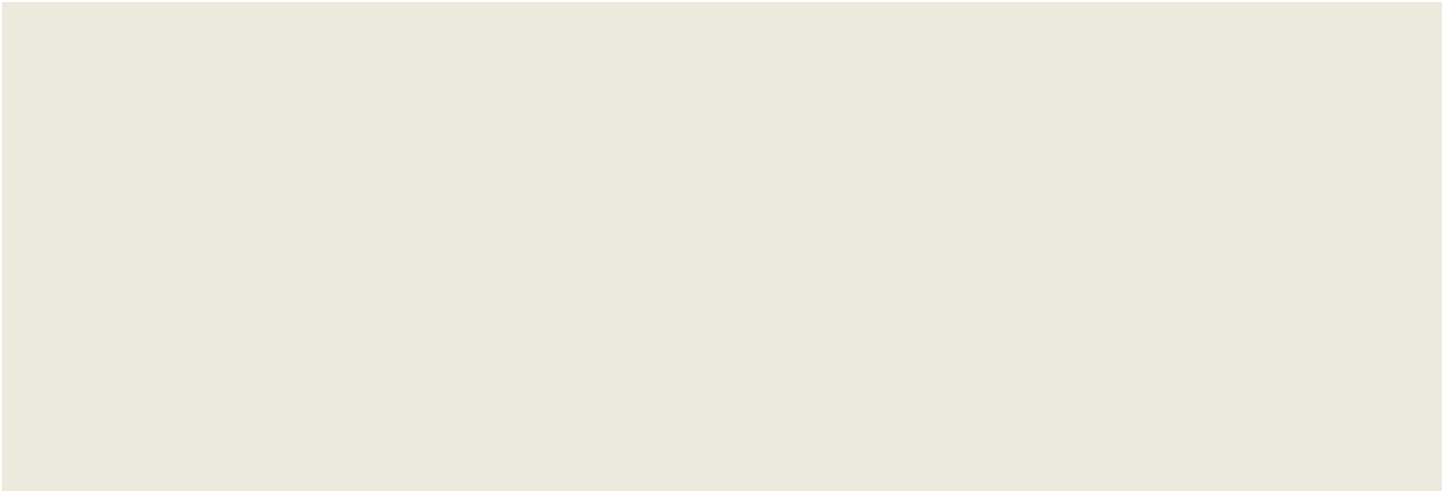
Middle schools in the
Oklahoma City Public
School District (OKCPS)

Location

Oklahoma City, Okla.

Grades

6, 7, and 8



Number Worlds

C “What I like best about *Number Worlds* is that it provides the teachers with a different perspective on teaching the content,” says Keck. “So the kids are actually receiving the material, learning the material in a different way than they are in their core classes.”

Parks likes “the activities included with *Number Worlds*—something students definitely don’t have during their core instruction time. “For our [AA] kids, they really need a different kind of instruction,” she says.

Polly Henderson and Deb Barnett are, like Bothwell, OKCPS middle school math teachers who use *Number Worlds* in their AA classes.

Barnett reports that her students are highly engaged by the *Number Worlds* approach. “They really like the number line,” she says, referring to a tool that helps children develop greater flexibility in mental arithmetic. “When they see the number line, they go, ‘Oh, I get it. That’s easy!’ For me, I really like that *Number Worlds* uses real-world examples to let them know how they might use math in their daily lives. So they can say, ‘Oh, I see why that’s important.’ And they like the games; I like them, too.”

Henderson says, “*Number Worlds* is fantastic! I love that it was developed specifically to help with remedial math. Too many remedial math classes today have no real direction—no processes, no structure. *Number Worlds* helps make remedial math a standardized course where progress monitoring can happen across the district.”

“I used the heck out of *Number Worlds* last year when I was teaching AA math,” Barnett adds, “and it helped me so much. I saw a huge growth in achievement once we had a standardized, structured process. I saw 51 percent of my students—all of whom had failed their state tests in 6th grade—pass their state tests at the end of seventh grade. They all moved up. I know that *Number Worlds*’ structure helped with that. I know it did!”

Bothwell agrees. “All of my kids are in the lowest category for math, and at least a third of them jumped two levels to reach ‘proficient.’ We saw all of the middle school math scores in our district jump significantly. That has to be attributed to using *Number Worlds*. One of the boys in my class who did not achieve proficiency nevertheless raised his CRT score from ten to 21. He’s now one point shy of moving up to a new level. I said, ‘You jumped 11 points on your CRT. That’s huge!’”

Bothwell says, “Some people thought *Number Worlds* was too advanced for the new Oklahoma standards, but I think we only truly understand math when we push past it. I want to give my kids the opportunity to go to school and do well in math wherever they go after middle school. *Number Worlds* has the kind of rigor that can make that happen.”

A -H Number Worlds

Number Worlds is a math program for at-risk students in grades PreK–8. Teacher-led mathematics intervention helps struggling learners in Response to Intervention Tiers 2 and 3 achieve math success. *Number Worlds* applies research-proven adaptive instruction to engage math-challenged PreK–8 students and quickly bring them up to grade level.

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Deb Barnett
OKCPS middle school math teacher