"The main difference between the Singapore Math program and traditional math is that Singapore Math adds a pictorial step for kids in problem solving," says Gregg Klinginsmith, Curriculum Coordinator for the Wentzville School District. "It also offers a consistent problem-solving approach to word problems."

During the past school year, each elementary building offered 'Singapore Math Nights' for parents to come and hear an overview about the program so they could better understand and assist their children with questions that may arise at home. Over this past summer, all $1^{\text {st }}$ through $5^{\text {th }}$ grade math teachers in the district were trained as instructors in Singapore Math, and consequently, all $1^{\text {st }}$ through $5^{\text {th }}$ grade students are currently enrolled in the Singapore Math program.
"We were so excited to see the results," said Susan Gauzy, Assistant Superintendent for Curriculum and Instruction. "There was no 'implementation dip' which is sometimes the case in the first year of a new program. Instead we saw gains for all three grade levels. In particular 4th and 5th grade Singapore classrooms did very well and had fewer students scoring below basic. We look forward to the current school year with all classrooms - first through fifth grade - utilizing Singapore/Wentzville math."

Last year (2008-2009), the program was broadly introduced and $86 \%$ of $1^{\text {st }}$ graders, more than $50 \%$ of the $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ graders, and $18 \%$ of $5^{\text {th }}$ graders took Singapore Math as their math curriculum.

The MAP data demonstrates that just over $43 \%$ of Singapore Math $4^{\text {th }}$ graders scored at the "Proficient" level versus $39.6 \%$ of $4^{\text {th }}$ graders taking traditional math. It also shows that over $11 \%$ of $4^{\text {th }}$ grade Singapore Math students scored at the "Advanced" level versus 7.7\% of their classmates taking traditional math. Results were even more profound for $5^{\text {th }}$ graders. MAP data showed that $47.9 \%$ of Singapore Math $5^{\text {th }}$ graders scored at "Proficient" levels versus $\mathbf{4 0 . 3} \%$ of Non-Singapore Math students, while more than $22 \%$ of Singapore Math $5^{\text {th }}$ graders scored at "Advanced" levels versus $13.6 \%$ of their classmates who were in traditional math classes.


The term "Singapore Math", as used in the U.S.A. and Canada generally refers to the Primary Mathematics Series, which was first published in 1982 and was the only series used in Singapore primary schools up until 2001 when it was revised in terms of its teaching methodologies, learning approaches, and assessment modes. Primary Mathematics was written by members of a project team put together by the Ministry of Education in Singapore, and has been widely hailed as the most demanding in terms of its textbooks and assessments. Singapore is a recognized leader across the globe in mathematics achievement, in 2003 students in Singapore ranked first in the world on the Trends in International Mathematics and Science Study.

# Wentzville Singapore Math Students <br> <br> Excel on MAP Test 

 <br> <br> Excel on MAP Test}
(September 2, 2009) Wentzville, MO...According to the latest Missouri Assessment Program (MAP) scores released by the Department of Elementary and Secondary Education, more $4^{\text {th }}$ and $5^{\text {th }}$ grade students in the Wentzville School District scored at "Proficient" and "Advanced" levels than their counterparts who were learning a traditional math curriculum.


Singapore Math was first introduced in the Wentzville School District in the 2007-2008 school year as a pilot after-school program. $2^{\text {nd }}, 3^{\text {rd }}$ and $4^{\text {th }}$ graders volunteered for the program, which numbered about 20 students per elementary building.

