The Singapore Framework for Math Education was adopted by Newman in 2007 for our kindergarten to 5th grade students. Newman is committed to teaching Singapore Math as it is designed to create an environment where all of our students are challenged to develop essential skills and the deepest mathematical understanding. Our goal is to provide a rigorous and engaging math curriculum that develops students as mathematicians and thinkers.

Singapore Math is based on the most proven and effective research on instruction and student learning. Problem Solving is at the heart of the Singapore Math Framework. *Skills, Concepts, Processes, Metacognition, and Attitude* support and surround *Problem Solving* in equal parts, and each is equally important. The pedagogy of Singapore Math is *Concrete to Pictorial to Abstract*. This allows students to develop a deeper understanding of the concepts being taught, learning both the “why” and the “how.” Students develop a strong foundation through this philosophy, enabling them to make sense of their work rather than simply memorizing and repeating.

Newman’s Middle School and Upper School teachers have seen significant signs that the group of students who started with Singapore Math in 2007 are collectively stronger mathematicians. In class, these students are able to apply their arithmetic skills to solve problems more effectively and accurately, retrieve prior knowledge more quickly, and make connections between mathematical concepts more readily. Our students continue to benefit from this strong foundation.

Newman is committed to continuing education and professional development of all of our teachers. Teachers regularly attend workshops and have support from our math coach to further develop knowledge of content and pedagogy.