**Scholastic Math Inventory College & Career**

*Scholastic Math Inventory (SMI) College & Career* is an adaptive assessment that measures math achievement and growth from kindergarten through Algebra II. Based on the Quantile Framework for Mathematics, SMI College & Career offers educators dynamic analytics, actionable data, tools for differentiating instruction, and embedded professional learning.

**SMI College & Career** tracks student growth toward college and career readiness by employing enhanced rigor, in line with more rigorous state standards.

The assessment is computer-based and features two components:

- The actual student test, which is computer adaptive, with more than 5,000 items
- The management system, Scholastic Achievement Manager, where enrollments are managed and customized features and data reports can be accessed

### SMI College & Career Test

When students are assessed with SMI College & Career, they receive a single measure - a Quantile measure - that indicates their instructional readiness for calibrated content to and through Algebra II/High School Integrated Math III. As a computer-adaptive test, SMI College & Career provides items based on students’ previous responses. This format allows students to be tested on a large range of skills and concepts in a shorter amount of time and yields a highly accurate score.

SMI College & Career can be completed in 20-40 minutes and is presented in three parts: Math Fact Screener (for Kindergarten and Grade 1 an Early Numeracy Screener, which tests students on counting and quantity comparison, is used), Practice Test, and Scored Test.

**The Math Fact Screener** is a simple and fast test focused on basic addition and multiplication skills. Once students demonstrate relative mastery of math facts, they will not experience this part of the assessment again.

**The Practice Test** is a three- to five-question test calibrated far below the students’ current grade level. The purpose of this part is to ensure students can interact with a computer test successfully and to provide them an opportunity to practice with the tools provided in the assessment. Teachers can allow students to skip this part of the test after its first administration.

**The Scored Test** part of the assessment produces Quantile measures for the students. In this part, students engage with at least 25 and as many as 45 test items that follow a consistent four-option, multiple-choice format. Items are presented in a simple, straightforward format with clear unambiguous language. Because of the depth of the item bank, students do not see the same item twice in the same administration or in the next two administrations. Items at the lowest level are sampled from Kindergarten and Grade 1 mathematical skills and topics; items at the highest level are sampled from Algebra II/High School Integrated Math III topics. Some items may include mathematical representations such as diagrams, graphs, tables, and charts. Optional calculators and formula sheets are included in the program. Calculators will not be visible for problems whose purpose is computational proficiency. Providing students with paper and pencil during their assessment is recommended. All assessments can be saved and accessed at another time for completion. This feature is important for students with extended time accommodations.