

Acadience Math K–6 is a set of brief, standardized indicators of early numeracy, computation, and problem-solving skills for grades K–6.

Acadience Math K–6 consists of materials for universal screening three times a year and more frequent progress monitoring. The Early Numeracy measures are given to students in kindergarten and first grade. The Computation measures are administered to students in grades 1–6. The Concepts and Applications measures are administered in grades 2–6.

Research-based benchmark goals are available for all measures and grades. They define a level at which the odds are in the student’s favor of meeting later mathematics outcome goals.

Description of the Measures

- BQD** **Beginning Quantity Discrimination** assesses discrimination between two quantities. It is an indirect measure of subitizing, the ability to instantly judge the number associated with a group of items. BQD is administered from the beginning to the end of kindergarten.
- NIF** **Number Identification Fluency** assesses the ability to orally name the numerals 1 through 99. It is administered from the beginning of kindergarten to the beginning of first grade.
- NNF** **Next Number Fluency** assesses the ability to extend the counting sequence. The task is administered orally, with the assessor saying a number and the student saying the next higher number. NNF is administered from the beginning of kindergarten to the beginning of first grade.
- AQD** **Advanced Quantity Discrimination** assesses discrimination between two quantities. The student is asked to name the larger of two numbers. AQD is administered from the beginning to the end of first grade.
- MNF** **Missing Number Fluency** assesses the ability to extend a counting sequence counting by 1s, 5s, and 10s. The student is provided with a sequence of four numbers with one number missing and asked to name the missing number. MNF is administered from the beginning to the end of first grade.
- COMP** **Computation** assesses the basic skills of math computation. It can be administered individually or to groups. Students work basic computation problems under standardized conditions and time limits, which depend on grade level. Computation is administered in grades 1–6.
- C&A** **Concepts and Applications** assesses the basic skills of understanding mathematical concepts and vocabulary and applying that knowledge to solve mathematical problems. It can be administered individually or to groups. Students work problems under standardized conditions and time limits, which are dependent on grade level. Concepts and Applications is administered in grades 2–6.



Materials

Acadience Math K–6 materials are available for free download at www.acadiencelearning.org/acadience-math/k-grade6/



Training

Acadience Learning offers high-quality training in a variety of format options. Workshops are developed in collaboration with the authors and researchers of Acadience Math K–6. For more information, please email training@acadiencelearning.org



Data Management

Data entry and reporting for Acadience Math K–6 is available through Acadience Learning Online (ALO). For more information about Acadience Math K–6 including administration, scoring and data management options, please contact info@acadiencelearning.org