

Student Expectations

Both Texas and Louisiana modeled their state mathematics standards after the National Council of Teachers of Mathematics (NCTM) standards, and in Grades K-8 the strands used in the Texas Essential Knowledge and Skills (TEKS) and the Louisiana Grade Level Expectations (GLEs) are more or less parallel as illustrated below:

Texas K	Louisiana
Number, operation, and quantitative reasoning	Number and number relations (N)
Patterns, relationships, and algebraic thinking	Algebra (A)
	Patterns, relations, and functions (P)
Measurement	Measurement (M)
Geometry and spatial reasoning	Geometry (G)
Probability and statistics	Data analysis, probability, and discrete math (D)

Though the Texas and Louisiana math standards are similar overall, few of the TEKS student expectations match perfectly with the Louisiana GLEs. In some cases, due to the level of specificity of the Louisiana standards, more than one GLE may be matched to a TEKS expectations. For example:

(K.12.A) construct graphs using real objects or pictures in order to answer questions; and	14. Measure and estimate length and capacity using non-standard units (e.g., sticks, paper clips, blocks, beans) (M-2-E) (M-3-E) and
	21. Collect and organize concrete data using tally mark charts (D-1-E) and
	22. Collect and organize data in a simple bar graph using pictures or objects (D-1-E) (D-2-E)

A careful review of the side-by-side analysis will provide more information about such variations.

Assessment

There is no statewide testing in either Louisiana or Texas at this grade level. Louisiana utilizes the Integrated Louisiana Educational Assessment Program (iLEAP), a norm-referenced testing program at Grades 3, 5, 6, 7, and 9. For grades 4 and 8, Louisiana employs the criterion-based Louisiana Educational Assessment Program for the 21st Century (LEAP 21). It is important to note that grade promotion criteria are part of LEAP 21 for grades 4 and 8. Texas uses the Texas Assessment of Knowledge and Skills (TAKS) to assess student performance in mathematics in Grades 3-11 with promotion and retention requirements in grades 3, 5 and 8.

Coding in the Side-by-Side Analysis

The numbers in parentheses that follow the GLE

statement refer to the Louisiana Mathematics Benchmark addressed. In the case of P-1-M, for example, “P” stands for Patterns, Relations, and Functions. The “1” indicates the first Benchmark for the Standard, and the “M” stands for Middle School. Benchmarks are broader statements, somewhat analogous to the Texas Knowledge and Skill statements shaded in gray in the side-by-side analysis, which are specified in Louisiana for grade ranges K-4, 5-8, and 9-12. More about Louisiana Benchmarks can be found in the following document from the Louisiana State Department of Education: <http://www.doe.state.la.us/lde/uploads/2910.pdf>.

More information about the Louisiana Grade Level Expectations is available at <http://www.doe.state.la.us/lde/ssa/1819.html>