



General Organizational Format of the Tennessee Mathematics Curriculum Framework

STANDARDS
are the major math
content area topics
addressed in a particular
grade level or course

STATE PERFORMANCE INDICATORS
are the basis for student accountability and
are used by the state to prepare
standardized test items aligned with
corresponding Grade (GLE) or Course
(CLE) Level Expectations.

Grade 7: Standard 3 Algebra

Grade Level Expectation	Check for understanding (formative/summative assessment)	State Performance Indicator
GLE 0706.3.2 Understand and compare various representations of relations and functions.	✓ 0706.3.3 Identify a function from a written description, table, graph, rule, set of ordered pair, and/or mapping.	SPI 0706.3.2 Determine whether a relation (represented in various ways) is a function.

CHECKS FOR UNDERSTANDING
are suggestions for assessing student learning. Formative assessments are typically embedded within a lesson. Summative assessments provide information about whether a student has met a particular Grade or Course Level Expectation.

GLE 0706.3.2

GLE	07	06	3	2
Grade Level Expectation	Grade 7	Mathematics	Standard 3 (Algebra)	Second GLE for that standard

Figure 2. Formative and Summative Assessment

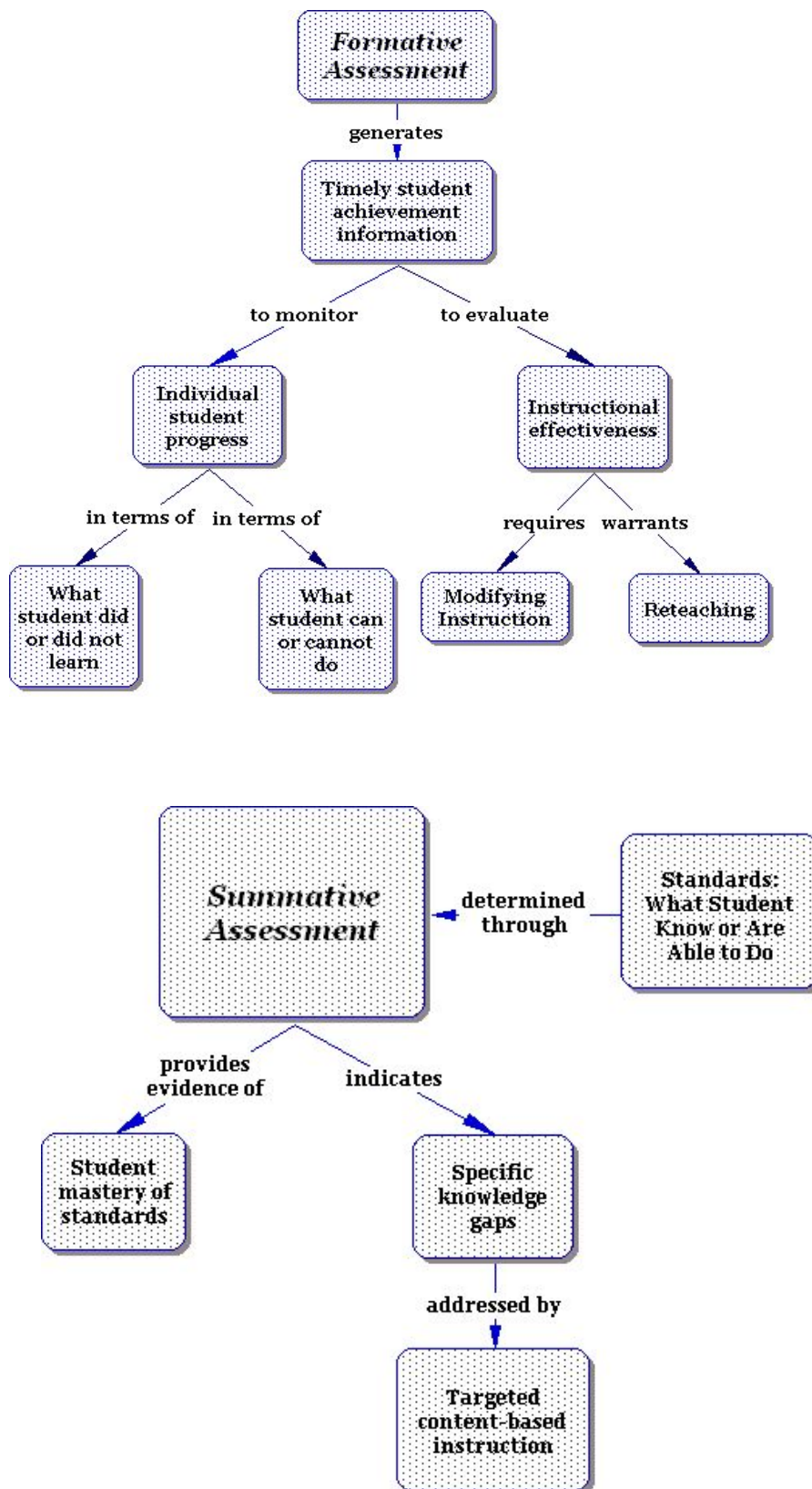


Figure 3. Grade Level Distribution of GLEs and SPIs

Tennessee Standards Analysis										
Grade Level Totals										
	K	1	2	3	4	5	6	7	8	All
Grade Level Expectations	21	19	22	25	23	23	25	32	26	216
Checks For Understanding	41	47	49	52	56	44	62	52	44	447
State Performance Indicators	-	-	-	36	33	26	31	27	23	176

K-8 TOTALS BY MATHEMATICS CONTENT AREA					
	Process	Numbers & Operations	Algebra	Geometry & Measurement	Data Analysis, Probability and Statistics
GLEs	8	47	41	36	20
✓s	98	115	78	101	54
SPIs	28	54	36	37	21

Tennessee Standards Analysis					
9-12 Course Totals					
	Algebra 1	Geometry	Algebra 2		All
Course Level Expectations	23	24	25		72
Checks For Understanding	86	78	65		229
State Performance Indicators	29	25	32		86

9-12 COURSE TOTALS BY MATHEMATICS CONTENT AREA					
	Process	Numbers & Operations	Algebra	Geometry & Measurement	Data Analysis, Probability and Statistics
CLEs	7	9	16	17	9
✓s	44	27	64	60	34
SPIs	14	8	28	22	14