
Grade	1	General Skill(s)
Subject	Mathematics	1,C,17: Recognize Models 1,C,18: Recognize Models II
Standard	Mathematical Processes	
Code	GLE 106.1.1	Skill Tree(s)
Grade/Course Level Expectation	Use mathematical language, symbols, and definitions while developing mathematical reasoning.	86MC: Numeration K-3 137SB: Math Strategies 1-3
Checks for Understanding		
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,16: Determine Strategies
Standard	Mathematical Processes	
Code	GLE 106.1.2	Skill Tree(s)
Grade/Course Level Expectation	Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.	86MC: Numeration K-3 137SB: Math Strategies 1-3
Checks for Understanding		
State Performance Indicators		
Detail		

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 106.1.3
Grade/Course Level Expectation Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas.
Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.
Skill Tree(s)
Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 106.1.4
Grade/Course Level Expectation Move flexibly between concrete and abstract representations of mathematical ideas in order to solve problems, model mathematical ideas, and communicate solution strategies.
Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
1,C,16: Determine Strategies
Skill Tree(s)
86MC: Numeration K-3
137SB: Math Strategies 1-3

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 106.1.5
Grade/Course Level Expectation Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.

Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
1,C,12: Interpret Charts & Graphs
1,C,19: Use Charts & Graphs

Skill Tree(s)
90MC: Data Management and Probability K-3
137SB: Math Strategies 1-3

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 106.1.6
Grade/Course Level Expectation Read and interpret the language of mathematics and use written/oral communication to express mathematical ideas precisely.

Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.

Skill Tree(s)
Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 0106.1.7
Grade/Course Level Expectation Recognize the historical development of mathematics, mathematics in context, and the connections between mathematics and the real world.

Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.

Skill Tree(s)
Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code GLE 0106.1.8
Grade/Course Level Expectation Use technologies/manipulatives appropriately to develop understanding of mathematical algorithms, to facilitate problem solving, and to create accurate and reliable models of mathematical concepts.

Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.

Skill Tree(s)
Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade	1	General Skill(s)
Subject	Mathematics	1,C,25: Ordinal Numbers & Calendars
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.1	85MC: Number Sense K-3 87MC: Measurement K-1
Grade/Course Level Expectation		
Checks for Understanding	Describe the relationship between days and months.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,24: Elapsed Time
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.2	1LG: Time 137SB: Math Strategies 1-3
Grade/Course Level Expectation		
Checks for Understanding	Read and write time to the hour, half-hour, and quarter-hour.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,24: Elapsed Time
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.3	1LG: Time 137SB: Math Strategies 1-3
Grade/Course Level Expectation		
Checks for Understanding	Compare units of time.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,23: Money
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.4	2LG: Money 86MC: Numeration K-3 87MC: Measurement K-1
Grade/Course Level Expectation		
Checks for Understanding	Count the value of a set of coins up to fifty cents.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,104: Temperature*
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.5	87MC: Measurement K-1
Grade/Course Level Expectation		
Checks for Understanding	Use a thermometer to measure temperature.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,110: Measurement Concepts*
Standard	Mathematical Processes	Skill Tree(s)
Code	0106.1.6	87MC: Measurement K-1
Grade/Course Level Expectation		
Checks for Understanding	Recognize scales as a way of measuring weight.	
State Performance Indicators		
Detail		

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code 0106.1.7
Grade/Course Level Expectation
Checks for Understanding Apply spatial sense to recreate a figure from memory.

State Performance Indicators

Detail

General Skill(s)

This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.

Skill Tree(s)

Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code 0106.1.8
Grade/Course Level Expectation
Checks for Understanding Recognize the “word clues” and mathematical symbols for addition and subtraction.

State Performance Indicators

Detail

General Skill(s)

1,C,17: Recognize Models
1,C,18: Recognize Models II

Skill Tree(s)

86MC: Numeration K-3
137SB: Math Strategies 1-3

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code 0106.1.9
Grade/Course Level Expectation
Checks for Understanding Use age-appropriate books, stories, and videos to convey ideas of mathematics.

State Performance Indicators

Detail

General Skill(s)
This specific standard is either not effectively assessed or taught using technology, or is not addressed in this version of Orchard through content or assessments at this grade level.

Skill Tree(s)
Orchard Skill Trees are not currently correlated to this specific standard. See above for details.

Grade 1
Subject Mathematics
Standard Mathematical Processes
Code 0106.1.10
Grade/Course Level Expectation
Checks for Understanding Match the spoken, written, concrete, and pictorial representations of whole numbers, one-half, and one-fourth.

State Performance Indicators

Detail

General Skill(s)
1,C,1: Compare & Order Numbers
1,C,4: Fractions

Skill Tree(s)
85MC: Number Sense K-3
137SB: Math Strategies 1-3
86MC: Numeration K-3
212MC: Principles of Math: Beginning

Grade 1
Subject Mathematics
Standard Number and Operations
Code GLE 0106.2.2
Grade/Course Level Expectation Compare and order whole numbers to 100.
Checks for Understanding

General Skill(s)
 1,C,1: Compare & Order Numbers
Skill Tree(s)
 85MC: Number Sense K-3
 86MC: Numeration K-3
 212MC: Principles of Math: Beginning

State Performance Indicators

Detail

Grade 1
Subject Mathematics
Standard Number and Operations
Code GLE 0106.2.3
Grade/Course Level Expectation Develop strategies for learning basic addition facts and related subtraction facts.
Checks for Understanding

General Skill(s)
 1,C,100: Properties of Addition*
 1,C,14: Subtraction
Skill Tree(s)
 3LG: Number Facts: Beginning
 63LG: Number Facts: Mixed Practice
 85MC: Number Sense K-3
 86MC: Numeration K-3
 212MC: Principles of Math: Beginning

State Performance Indicators

Detail

Orchard Correlation to the Tennessee Curriculum Standards



Grade 1
Subject Mathematics
Standard Number and Operations
Code GLE 0106.2.4
Grade/Course Level Expectation Use multiple representations (including groups of ten) to model two-digit addition and subtraction.
Checks for Understanding

State Performance Indicators

Detail

General Skill(s)
1,C,100: Properties of Addition*
1,C,14: Subtraction

Skill Tree(s)
3LG: Number Facts: Beginning
63LG: Number Facts: Mixed Practice
85MC: Number Sense K-3
86MC: Numeration K-3
212MC: Principles of Math: Beginning

Grade 1
Subject Mathematics
Standard Number and Operations
Code 0106.2.1
Grade/Course Level Expectation
Checks for Understanding Read and write numerals up to 100.

State Performance Indicators

Detail

General Skill(s)
1,C,130: Counting*

Skill Tree(s)
85MC: Number Sense
212MC: Principles of Math: Beginning

Grade	1	General Skill(s)
Subject	Mathematics	1,C,130: Counting*
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.2	85MC: Number Sense 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Write numbers up to 10 in words.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,130: Counting*
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.3	85MC: Number Sense 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Count forward and backward by ones beginning with any number less than 100.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,130: Counting*
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.4	85MC: Number Sense 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Skip count by twos, fives, and tens.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,1: Compare & Order Numbers
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.5	85MC: Number Sense K-3 86MC: Numeration K-3 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Order and compare (less than, greater than, or equal to) whole numbers to 100.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition* 1,C,14: Subtraction
Standard	Number and Operations	
Code	0106.2.6	Skill Tree(s)
Grade/Course Level Expectation		3LG: Number Facts: Beginning 63LG: Number Facts: Mixed Practice 85MC: Number Sense K-3 86MC: Numeration K-3 212MC: Principles of Math: Beginning
Checks for Understanding	Develop fluency with addition and subtraction facts of sums through ten.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,2: Place Value
Standard	Number and Operations	
Code	0106.2.7	Skill Tree(s)
Grade/Course Level Expectation		2LG: Money 137SB: Math Strategies 1-3 85MC: Number Sense K-3
Checks for Understanding	Recognize the place value of numbers (tens, ones).	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition*
Standard	Number and Operations	1,C,14: Subtraction
Code	0106.2.8	1,C,130: Counting*
Grade/Course Level Expectation		Skill Tree(s)
Checks for Understanding	Relate “counting on” and “counting back” to addition and subtraction and understand them as inverse operations.	3LG: Number Facts: Beginning
State Performance Indicators		63LG: Number Facts: Mixed Practice
Detail		85MC: Number Sense K-3
		86MC: Numeration K-3
		212MC: Principles of Math: Beginning

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition*
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.9	3LG: Number Facts: Beginning
Grade/Course Level Expectation		63LG: Number Facts: Mixed Practice
Checks for Understanding	Add three single-digit numbers.	86MC: Numeration K-3
State Performance Indicators		212MC: Principles of Math: Beginning
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,17: Recognize Models
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.10	86MC: Numeration K-3 137SB: Math Strategies 1-3
Grade/Course Level Expectation		
Checks for Understanding	Use models (such as discrete objects, connecting cubes, and number lines) to represent “part-whole,” “adding to,” “taking away from,” and “comparing to” situations to develop understanding of the meaning of addition and subtraction.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,4: Fractions
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.11	85MC: Number Sense 137SB: Math Strategies 1-3
Grade/Course Level Expectation		
Checks for Understanding	Recognize the “part-whole” relationship in representations of basic fractions such as $\frac{1}{2}$ and $\frac{1}{4}$.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition*
Standard	Number and Operations	1,C,14: Subtraction
Code	0106.2.12	Skill Tree(s)
Grade/Course Level Expectation		3LG: Number Facts: Beginning
Checks for Understanding	Use various models to develop strategies for solving arithmetic problems.	63LG: Number Facts: Mixed Practice
		85MC: Number Sense K-3
		86MC: Numeration K-3
		212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition*
Standard	Number and Operations	1,C,14: Subtraction
Code	0106.2.13	Skill Tree(s)
Grade/Course Level Expectation		3LG: Number Facts: Beginning
Checks for Understanding	Solve problems that require addition and subtraction of numbers through 100.	63LG: Number Facts: Mixed Practice
		85MC: Number Sense K-3
		86MC: Numeration K-3
		212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,3: Recognize Patterns
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.14	85MC: Number Sense K-3
Grade/Course Level Expectation		89MC: Geometry K-3
Checks for Understanding	Use composition and decomposition of numbers to identify and discuss patterns.	91MC: Patterning and Algebra K-3
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,1: Compare & Order Numbers
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.15	85MC: Number Sense K-3
Grade/Course Level Expectation		86MC: Numeration K-3
Checks for Understanding	Represent whole numbers between 10 and 100 in groups of tens and ones.	212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,1: Compare & Order Numbers
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.16	85MC: Number Sense K-3 86MC: Numeration K-3 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Represent whole numbers up to 100 on a number line.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,7: Number Lines
Standard	Number and Operations	Skill Tree(s)
Code	0106.2.17	85MC: Number Sense K-3 212MC: Principles of Math: Beginning
Grade/Course Level Expectation		
Checks for Understanding	Use the number line to create visual representations of sequences (such as even numbers, tens, multiples of five).	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,3: Recognize Patterns
Standard	Algebra	1,C,14: Subtraction
Code	GLE 0106.3.1	1,C,16: Determine Strategies
Grade/Course Level Expectation	Identify, describe, and extend simple number patterns to develop strategies for adding and subtracting whole numbers.	1,C,100: Properties of Addition*
Checks for Understanding		Skill Tree(s)
		3LG: Number Facts: Beginning
		63LG: Number Facts: Mixed Practice
		85MC: Number Sense K-3
		86MC: Numeration K-3
		89MC: Geometry K-3
		91MC: Patterning and Algebra K-3
		137SB: Math Strategies 1-3
		212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,14: Subtraction
Standard	Algebra	1,C,100: Properties of Addition*
Code	GLE 0106.3.2	Skill Tree(s)
Grade/Course Level Expectation	Understand that addition and subtraction are inverse operations.	3LG: Number Facts: Beginning
Checks for Understanding		63LG: Number Facts: Mixed Practice
		85MC: Number Sense K-3
		86MC: Numeration K-3
		212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,16: Determine Strategies
Standard	Algebra	Skill Tree(s)
Code	GLE 0106.3.3	86MC: Numeration K-3 137SB: Math Strategies 1-3
Grade/Course Level Expectation	Extend the strategies for basic facts to include other properties of number and operations.	
Checks for Understanding		
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,3: Recognize Patterns
Standard	Algebra	Skill Tree(s)
Code	0106.3.1	85MC: Number Sense K-3 89MC: Geometry K-3 91MC: Patterning and Algebra K-3
Grade/Course Level Expectation		
Checks for Understanding	Find repeating patterns on the number line, addition table, and hundreds chart.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,3: Recognize Patterns
Standard	Algebra	Skill Tree(s)
Code	0106.3.2	85MC: Number Sense K-3
Grade/Course Level Expectation		89MC: Geometry K-3
Checks for Understanding	Determine a reasonable next term in a given sequence and describe the rule.	91MC: Patterning and Algebra K-3
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,5: Inverse Operations
Standard	Algebra	Skill Tree(s)
Code	0106.3.3	86MC: Numeration K-3
Grade/Course Level Expectation		137SB: Math Strategies 1-3
Checks for Understanding	Use objects to illustrate the commutative property with basic facts and show that subtraction is not commutative.	212MC: Principles of Math: Beginning
State Performance Indicators		
Detail		

Grade	1	General Skill(s)	1,C,16: Determine Strategies
Subject	Mathematics	Skill Tree(s)	86MC: Numeration K-3 137SB: Math Strategies 1-3
Standard	Algebra		
Code	0106.3.4		
Grade/Course Level Expectation			
Checks for Understanding	Demonstrate understanding of the basic equation $a + b = c$ by using objects to illustrate the number sentences (fact families) associated with any particular sum.		
State Performance Indicators			
Detail			

Grade	1	General Skill(s)	1,C,14: Subtraction 1,C,100: Properties of Addition*
Subject	Mathematics	Skill Tree(s)	3LG: Number Facts: Beginning 63LG: Number Facts: Mixed Practice 85MC: Number Sense K-3 86MC: Numeration K-3 212MC: Principles of Math: Beginning
Standard	Algebra		
Code	0106.3.5		
Grade/Course Level Expectation			
Checks for Understanding	Use various strategies to find unknowns in problems involving addition and subtraction.		
State Performance Indicators			
Detail			

Grade 1
Subject Mathematics
Standard Algebra
Code 0106.3.6
Grade/Course Level Expectation
Checks for Understanding Use objects to demonstrate the inverse relationship between addition and subtraction.

General Skill(s)
 1,C,14: Subtraction
 1,C,100: Properties of Addition*
Skill Tree(s)
 3LG: Number Facts: Beginning
 63LG: Number Facts: Mixed Practice
 85MC: Number Sense K-3
 86MC: Numeration K-3
 212MC: Principles of Math: Beginning

State Performance Indicators

Detail

Grade 1
Subject Mathematics
Standard Algebra
Code 0106.3.7
Grade/Course Level Expectation
Checks for Understanding Use the inverse relation between addition and subtraction to check arithmetic problems.

General Skill(s)
 1,C,14: Subtraction
 1,C,100: Properties of Addition*
Skill Tree(s)
 3LG: Number Facts: Beginning
 63LG: Number Facts: Mixed Practice
 85MC: Number Sense K-3
 86MC: Numeration K-3
 212MC: Principles of Math: Beginning

State Performance Indicators

Detail

Grade	1	General Skill(s)
Subject	Mathematics	1,C,3: Recognize Patterns
Standard	Algebra	Skill Tree(s)
Code	0106.3.8	85MC: Number Sense K-3
Grade/Course Level Expectation		89MC: Geometry K-3
Checks for Understanding	Determine whether a number is odd or even by pairing objects.	91MC: Patterning and Algebra K-3
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,100: Properties of Addition*
Standard	Algebra	Skill Tree(s)
Code	0106.3.9	3LG: Number Facts: Beginning
Grade/Course Level Expectation		63LG: Number Facts: Mixed Practice
Checks for Understanding	Recognize that zero is the identity element for addition.	86MC: Numeration K-3
State Performance Indicators		212MC: Principles of Math: Beginning
Detail		

Grade 1
Subject Mathematics
Standard Geometry and Measurement
Code GLE 0106.4.1
Grade/Course Level Expectation Recognize, describe, and draw geometric figures.
Checks for Understanding

General Skill(s)
1,C,8: Classify Objects
1,C,9: Recognize 2-D & 3-D Shapes

Skill Tree(s)
85MC: Number Sense
87MC: Measurement K-1
89MC: Geometry K-3
91MC: Patterning and Algebra K-3
137SB: Math Strategies 1-3

State Performance Indicators

Detail

Grade 1
Subject Mathematics
Standard Geometry and Measurement
Code GLE 0106.4.2
Grade/Course Level Expectation Compose and decompose geometric shapes.
Checks for Understanding

General Skill(s)
1,C,8: Classify Objects
1,C,9: Recognize 2-D & 3-D Shapes

Skill Tree(s)
85MC: Number Sense
87MC: Measurement K-1
89MC: Geometry K-3
91MC: Patterning and Algebra K-3
137SB: Math Strategies 1-3

State Performance Indicators

Detail

Grade	1	General Skill(s)
Subject	Mathematics	1,C,110: Measurement Concepts*
Standard	Geometry and Measurement	1,C,11: Measurement
Code	GLE 0106.4.3	1,C,15: Estimate Solutions
Grade/Course Level Expectation	Use non-standard units in linear measurement.	Skill Tree(s)
Checks for Understanding		85MC: Number Sense K-3
		87MC: Measurement K-1
		1LG: Time
		137SB: Math Strategies 1-3
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,9: Recognize 2-D & 3-D Shapes
Standard	Geometry and Measurement	Skill Tree(s)
Code	0106.4.1	87MC: Measurement K-1
Grade/Course Level Expectation		89MC: Geometry K-3
Checks for Understanding	Recognize and describe similarities and differences between 2-dimensional figures (geometric attributes and properties).	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,9: Recognize 2-D & 3-D Shapes
Standard	Geometry and Measurement	Skill Tree(s)
Code	0106.4.2	87MC: Measurement K-1 89MC: Geometry K-3
Grade/Course Level Expectation		
Checks for Understanding	Recognize 2- and 3-dimensional figures from different perspectives and orientations.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,8: Classify Objects
Standard	Geometry and Measurement	Skill Tree(s)
Code	0106.4.3	85MC: Number Sense 89MC: Geometry K-3 91MC: Patterning and Algebra K-3 137SB: Math Strategies 1-3
Grade/Course Level Expectation		
Checks for Understanding	Model part-whole relationships and properties of plane and solid figures by combining two or more shapes to make a larger shape or by breaking apart an object into its smaller shapes.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,9: Recognize 2-D & 3-D Shapes
Standard	Geometry and Measurement	Skill Tree(s)
Code	0106.4.4	87MC: Measurement K-1 89MC: Geometry K-3
Grade/Course Level Expectation		
Checks for Understanding	Identify 2-dimensional shapes as faces of 3-dimensional figures.	
State Performance Indicators		
Detail		

Grade	1	General Skill(s)
Subject	Mathematics	1,C,110: Measurement Concepts*
Standard	Geometry and Measurement	1,C,11: Measurement 1,C,15: Estimate Solutions
Code	0106.4.5	Skill Tree(s)
Grade/Course Level Expectation		85MC: Number Sense K-3 87MC: Measurement K-1 1LG: Time 137SB: Math Strategies 1-3
Checks for Understanding	Estimate and measure length using non-standard units (counting by using groups of tens and ones) to represent addition.	
State Performance Indicators		
Detail		
