

Grade: 3rd

Strand: Number & Operations in Base Ten

Standard/Topic: MAT-03.NBT.02

Using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction, fluently add and subtract within 1000.



		Sample Activities
Score 4.0 Complex	In addition to Score 3.0, in-depth inferences and applications that go beyond the target content. The student will: Justify the most efficient strategy for adding or subtracting within 1000.	
	3.5 In addition to target performance, in-depth inferences and applications with partial understanding	
Score 3.0 Target	The student will: Fluently add within 1,000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. Fluently subtract within 1,000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. The student exhibits no major errors or omissions.	Strategies can include, but not limited to: - Adding by place value (strings) - Adding on (number line) - Subtracting back (number line) - Landmark or friendly numbers NOTE: Students should have experience regrouping.
	2.5 No major errors or omissions regarding the simple content and partial understanding of the target content	
Score 2.0 Simple	There are no major errors or omissions regarding the simpler details and processes as the student: - The student will recognize or recall specific terminology, such as: Sum, difference, operation, place value, regroup, strategy, addition, add, subtract, subtraction, landmark numbers, digit, expanded form. - The student will perform basic processes, such as: Add within 1,000 using concrete models or drawings. Subtract within 1,000 using concrete models or drawings. Counting on or back from a 3-digit number in increments of 10 and 100. Explain the value of each digit in a 3-digit number.	The student may use tools or drawings to represent addition or subtraction problems. Example Tools: - Number lines 1000 Chart - Base 10 blocks - Place Value Charts Example: Stickers station problems Example: 10 minute math "place value" Example: 10 minute math "rounding to the nearest 10"

	However, the student exhibits major errors or omissions regarding the more complex ideas and processes.	
	1.5 Partial understanding of the simple, but major errors or omissions regarding the target content	
Score 1.0	With help, partial understanding of the simple and target content	
	0.5 With help, partial understanding of the simple content, but not the targeted content	