Math Performance Level Descriptors for Students with Significant Cognitive Disabilities		
Grade 11 Level A		
BELOW BASIC (Emerging)	**BASIC (Novice)**	**PROFICIENT**
A student in grade 11 performing at the BELOW BASIC (EMERGING) level on the Level A PASA Math is passively or actively engaged in the task. The student requires extensive support to complete targeted skills. The support provided may include frequent teacher cues to ensure the correct response, physical prompting, being directed back to the specific task, modification of math vocabulary, verbal and non-verbal clues to clarify concept, reduction of the array, breaking down a multi-step task into single steps, or hand over hand assistance to ensure the correct response. The support provided reduces the cognitive complexity of the skills assessed. The student demonstrates limited understanding of math vocabulary necessary to complete the targeted skills.	A student in grade 11 performing at the BASIC (NOVICE) level on the Level A PASA Math is actively engaged in the task and requires moderate support to complete some targeted skills. The support provided may include modification of the task complexity through reduction of the array by only one item, redirection, verbal prompting, modification of math vocabulary, breaking down a multi-step task into single steps or providing additional alternate prompts. The student demonstrates a basic understanding of the math vocabulary necessary to complete the targeted skills.	A student in grade 11 performing at the PROFICIENT level on the Level A PASA Math performs the majority of the targeted skills independently. The student actively performs the tasks, is completely engaged, and requires some support such as verbal prompting for clarification of the question or need repetition of the prompt. The support provided does not reduce the cognitive complexity of the skills assessed. The student may self correct without additional information from the administrator. The student demonstrates understanding of the math vocabulary necessary to complete the targeted skills.
Tasks on the grade 11 Level A PASA Math assessments are multiple choice with 2 distractors that look very different from the correct response. A student performing at the BELOW BASIC (EMERGING) Level on the grade 11 Level A PASA Math can perform the following independently:	Tasks on the grade 11 Level A PASA Math assessments are multiple choice with 2 distractors that look very different from the correct response. A student performing at the BASIC (NOVICE) Level on the grade 11 Level A PASA Math can perform the following independently:	Tasks on the grade 11 Level A PASA Math assessments are multiple choice with 2 distractors that look very different from the correct response. A student performing at the PROFICIENT Level on the grade 11 Level A PASA Math can perform the following independently:
NUMBERS AND OPERATIONS • Scans materials	**NUMBERS AND OPERATIONS** • Scans materials • Matches identical numbers when the other choices are icons • Matches 2 sets by quantity of items • Selects set with 1 item • Identifies one- and five- dollar bills • Recognizes part or whole item	**NUMBERS AND OPERATIONS** • Scans materials • Matches identical numbers when the other choices are icons • Matches 2 sets by quantity of items • Selects set with 1 item • Identifies one- and five- dollar bills • Recognizes part or whole item • Selects set with most/least

	MEASUREMENT	**MEASUREMENT**
	• Matches objects, pictures, or photographs of same length • Matches identical sized shapes, objects, pictures, or photographs • Selects biggest/smallest shape, object, picture, or photograph • Identifies capacity/volume of a container • Selects biggest/smallest object by volume • Matches items of equal capacity • Matches identical digital times	• Matches objects, pictures, or photographs of same length • Matches identical sized shapes, objects, pictures, or photographs • Selects biggest/smallest shape, object, picture, or photograph • Identifies capacity/volume of a container • Selects biggest/smallest object by volume • Matches items of equal capacity • Matches identical digital times • Selects half-filled item • Selects longest/shortest object, picture, or photograph • Selects item that holds the most/least **GEOMETRY** • Sorts object to group of others with same shape

Math Performance Level Descriptors for Students with Significant Cognitive Disabilities
Grade 11 Level B

BELOW BASIC (Emerging)	BASIC (Novice)	PROFICIENT
A student in grade 11 performing at the BELOW BASIC (EMERGING) level on the Level B PASA Math is actively engaged and participating, but requires support to complete the targeted skills. The support provided may include modification of the task complexity through reduction of the array, multiple prompts, restatement of the questions, or breaking down multi-step tasks into single steps. The support provided may reduce the cognitive complexity of the skills assessed. The student needs significant assistance in manipulating math tools (i.e., calculator, ruler, measuring items). The student demonstrates a limited understanding of the math vocabulary and number sense required to complete the targeted skills.	A student in grade 11 performing at the BASIC (NOVICE) level on the Level B PASA Math performs many of the targeted skills correctly. The student is actively engaged in the task, and requires moderate support to complete some targeted skills. Support needed may include modification of the task complexity, modification of math vocabulary, repetition of prompts, reduction of the array, or breaking down multi-step tasks into single steps. The student may need moderate assistance in manipulating math tools (i.e., calculator, ruler, measuring items). The student demonstrates a basic understanding of the math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 11 performing at the PROFICIENT level on the Level B PASA Math performs the majority of targeted skills independently. The student actively performs the tasks, is completely engaged, and requires minimal support such as verbal prompting for clarification of the question or repetition of the prompt. The support provided does not reduce the cognitive complexity of the skills assessed. The student may self correct without additional information from the administrator. The student manipulates math tools (i.e., calculator, ruler, measuring items) independently most of the time, but can require minimal assistance. The student demonstrates understanding of the math vocabulary necessary and number sense to complete the task.
Grade 11 Level B PASA Math consists of mainly selected response items with limited production items; selection items on the have 3 distractors, two of which are related. A student performing at the BELOW BASIC (EMERGING) Level on the grade 11 Level B PASA Math can perform the following independently:	Grade 11 Level B PASA Math consists of mainly selected response items with limited production items; selection items on the have 3 distractors, two of which are related. A student performing at the BASIC (NOVICE) Level on the grade 11 Level B PASA Math can perform the following independently:	Grade 11 Level B PASA Math consists of mainly selected response items with limited production items; selection items on the have 3 distractors, two of which are related. A student performing at the PROFICIENT Level on the grade 11 Level B PASA Math can perform the following independently:
NUMBERS AND OPERATIONS • Gives the value of coins	**NUMBERS AND OPERATIONS** • Gives the value of coins • Counts between 10 and 99 items, one-dollar bills, or pennies • Counts ordered arrays of up to 99 items, counting by 5s • Orders 3 nonconsecutive numbers up to 99 • Selects item divided into equal parts • Adds 2 or 3 numbers numbers or prices	**NUMBERS AND OPERATIONS** • Gives the value of coins • Counts between 10 and 99 items, one-dollar bills, or pennies • Counts ordered arrays of up to 99 items, counting by 5s • Orders 3 nonconsecutive numbers up to 99 • Selects item divided into equal parts • Adds 2 numbers numbers or prices with

	with sums less than 99 using a calculator or paper and pencil	sums less than 99 using a calculator or paper and pencil • Subtracts 2 numbers or prices, each number less than 100 using a calculator or paper and pencil • Multiplies numbers by 2s or 5s with products less than 100 • Selects quantity that is enough
MEASUREMENT • Selects largest/smallest area • Measures area of an item by counting up to 99 units • Locates 1/2-cup or 1/4-cup line on a measuring cup when there are 4 quantities marked on the measuring cup	**MEASUREMENT** • Selects largest/smallest area • Measures area of an item by counting up to 99 units • Locates 1/2-cup or 1/4-cup line on a measuring cup when there are 4 quantities marked on the measuring cup • Reads analog and digital clocks with times set to hour, half-hour, quarter-hour • Selects activity that takes the most/least amount of time	**MEASUREMENT** • Selects largest/smallest area • Measures area of an item by counting up to 99 units • Locates 1/2-cup or 1/4-cup line on a measuring cup when there are 4 quantities marked on the measuring cup • Reads analog and digital clocks with times set to hour, half-hour, quarter-hour • Selects activity that takes the most/least amount of time • Measures length/width of item using a ruler with 1-inch markings **GEOMETRY** • Sorts 9 items of various shapes into 4 groups
DATA ANALYSIS AND PROBABILITY • Selects largest/smallest value from a graph or table	**DATA ANALYSIS AND PROBABILITY** • Selects largest/smallest value from a graph or table • Reads data presented in tables and graphs (numbers less than 99)	**DATA ANALYSIS AND PROBABILITY** • Selects largest/smallest value from a graph or table • Reads data presented in tables and graphs (numbers less than 99) • Evaluates data presented in tables and graphs (numbers less than 99)

Math Performance Level Descriptors for Students with Significant Cognitive Disabilities

Grade 11 Level C

BELOW BASIC (Emerging)	BASIC (Novice)	PROFICIENT	ADVANCED
A student in grade 11 performing at the BELOW BASIC (EMERGING) level on the Level C PASA Math is actively engaged in the task but requires support to complete targeted skills. The support provided may include modification of the task complexity, modification of math vocabulary, reduction of the array, or breaking down multi-step tasks into single steps. The support provided reduces the cognitive complexity of the skills assessed. The student needs moderate assistance in manipulating math tools (i.e., calculator, ruler, measuring items) and determining the appropriate operation during calculations. The student demonstrates a limited understanding of the math vocabulary and number sense required to complete the targeted skills.	A student in grade 11 performing at the BASIC (NOVICE) level on the Level C PASA Math is actively engaged in the task, but requires moderate support to complete the targeted skills. Support needed may include modification of the task complexity, modification of math vocabulary, repetition of prompts, reducing the array of choices or verbal prompting, breaking apart multi-step tasks, or providing the additional alternate prompt. The student may need assistance in applying the appropriate operation and manipulating math tools (i.e., calculator, ruler, measuring items). The student demonstrates a basic understanding of the math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 11 performing at the PROFICIENT level on the Level C PASA Math is actively engaged in the task and performs the majority of skills independently. The student requires some support such as verbal prompting. The support provided does not reduce the cognitive complexity of the skills assessed. The student may self correct. The student manipulates math tools (i.e., calculator, ruler, measuring items) independently most of the time, but can require minimal assistance. The student determines the appropriate operation during calculations. The student demonstrates understanding of the math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 11 performing at the ADVANCED level on the Level C PASA Math is actively engaged in the task and performs the targeted skills independently. The student completes multi-step tasks and uses strategies such as self-correction, eliminating distracters and requesting clarification. The student independently manipulates math tools (i.e., calculator, ruler, measuring items) and determines the appropriate operation during calculations. The student demonstrates understanding of the math vocabulary and number sense necessary to complete the targeted skills.
Grade 11 Level C Math contains a majority of production items, and the selected response items have 4 distractors; option choices for the selected response items are often more closely related. A student performing at the BELOW BASIC (EMERGING) Level on the grade 11 Level C PASA Math can perform the following independently:	Grade 11 Level C Math contains a majority of production items, and the selected response items have 4 distractors; option choices for the selected response items are often more closely related. A student performing at the BASIC (NOVICE) Level on the grade 11 Level C PASA Math can perform the following independently:	Grade 11 Level C Math contains a majority of production items, and the selected response items have 4 distractors; option choices for the selected response items are often more closely related. A student performing at the PROFICIENT Level on the grade 11 Level C PASA Math can perform the following independently:	Grade 11 Level C Math contains a majority of production items, and the selected response items have 4 distractors; option choices for the selected response items are often more closely related. A student performing at the ADVANCED Level on the grade 11 Level C PASA Math can perform the following independently:

NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS
• Selects item divided evenly into the number of pieces specified	• Selects item divided evenly into the number of pieces specified • Counts out a combination of one-, five-, ten-, and/or twenty-dollar bills from a larger set • Orders 4 nonconsecutive 3-digit numbers • Adds 2 or 3 numbers or prices in a word problem, with sums less than 500, using a calculator or paper and pencil • Subtracts 2 numbers in a word problem, each number less than 500, using a calculator or paper and pencil • Matches fraction to picture	• Selects item divided evenly into the number of pieces specified • Counts out a combination of one-, five-, ten-, and/or twenty-dollar bills from a larger set • Orders 4 nonconsecutive 3-digit numbers • Adds 2 or 3 numbers or prices in a word problem, with sums less than 500, using a calculator or paper and pencil • Subtracts 2 numbers in a word problem, each number less than 500, using a calculator or paper and pencil • Matches fraction to picture • Counts aloud between 1 and 500 items, bills, or coins, by 1s, 2s, 5s, 10s, or 20s • Multiplies numbers in a word problem with products less than 500 using a calculator or paper and pencil • Reads mixed fraction	• Selects item divided evenly into the number of pieces specified • Counts out a combination of one-, five-, ten-, and/or twenty-dollar bills from a larger set • Orders 4 nonconsecutive 3-digit numbers • Adds 2 or 3 numbers or prices in a word problem, with sums less than 500, using a calculator or paper and pencil • Subtracts 2 numbers in a word problem, each number less than 500, using a calculator or paper and pencil • Matches fraction to picture • Counts aloud between 1 and 500 items, bills, or coins, by 1s, 2s, 5s, 10s, or 20s • Multiplies numbers in a word problem with products less than 500 using a calculator or paper and pencil • Reads mixed fraction • Divides 2 numbers less than 500 using a calculator or paper and pencil • Selects equation required to solve an addition word problem with numbers ≤ 500 • Creates fractional groups
MEASUREMENT • Matches digital time to commonly used time phrases	**MEASUREMENT** • Matches digital time to commonly used time phrases • Solves word problems involving passage of time	**MEASUREMENT** • Matches digital time to commonly used time phrases • Solves word problems involving passage of time • Measures using a measuring cups	**MEASUREMENT** • Matches digital time to commonly used time phrases • Solves word problems involving passage of time • Measures using a measuring cups • Uses small measuring cup multiple times to arrive at

			• Measures length/width of item using ruler with 1/4-inch markings
	GEOMETRY • Sorts 9 items into 4 groups	**GEOMETRY** • Sorts 9 items into 4 groups	**GEOMETRY** • Sorts 9 items into 4 groups
DATA ANALYSIS AND PROBABILITY • Selects mode value in data set displayed in table or graph	**DATA ANALYSIS AND PROBABILITY** • Selects mode value in data set displayed in table or graph • Reads data presented in table or graph	**DATA ANALYSIS AND PROBABILITY** • Selects mode value in data set displayed in table or graph • Reads and uses data presented in table or graph	**DATA ANALYSIS AND PROBABILITY** • Selects mode value in data set displayed in table or graph • Reads data presented in table or graph • Estimates average value across 4 values provided in table or graph

Note: the top of the rightmost column begins with "designated amount" as a continuation of a bullet.