Math Performance Level Descriptors for Students with Significant Cognitive Disabilities
Grade 5/6 Level A

BELOW BASIC (Emerging)	BASIC (Novice)	PROFICIENT
A student in grade 5 or 6 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, 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 the math vocabulary necessary to complete the targeted skills.	A student in grade 5 or 6 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, verbal prompting, modification of math vocabulary, 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 5 or 6 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 and non-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 demonstrates understanding of the math vocabulary necessary to complete the targeted skills.
Tasks on the grade 5/6 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 5/6 Level A PASA Math can perform the following independently:	Tasks on the grade 5/6 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 5/6 Level A PASA Math can perform the following independently:	Tasks on the grade 5/6 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 5/6 Level A PASA Math can perform the following independently:
NUMBERS AND OPERATIONS • Orients toward materials	**NUMBERS AND OPERATIONS** • Orients toward materials • Differentiates one-dollar bill from other items	**NUMBERS AND OPERATIONS** • Orients toward materials • Differentiates one-dollar bill from other items • Matches 2 sets of equal quantity
	MEASUREMENT • Differentiates clock from other items • Matches identical sized shapes, objects, pictures or photographs • Matches objects, pictures, or photographs of	**MEASUREMENT** • Differentiates clock from other items • Matches identical sized shapes, objects, pictures or photographs • Matches objects, pictures, or photographs of

	equal length • Selects biggest/smallest shape, object, picture or photograph • Selects biggest/smallest object by volume • Matches items with the same capacity	equal length • Selects biggest/smallest shape, object, picture or photograph • Selects biggest/smallest object by volume • Matches items with the same capacity • Selects the item that holds the most/least • Selects longest/shortest object, • Selects set with the most-least
	GEOMETRY • Adds object to group of others with same shape	**GEOMETRY** • Adds object to group of others with same shape

Math Performance Level Descriptors for Students with Significant Cognitive Disabilities		
Grade 5/6 Level B		
BELOW BASIC (Emerging)	**BASIC (Novice)**	**PROFICIENT**
A student in grade 5 or 6 performing at the BELOW BASIC (EMERGING) level on the Level B PASA Math is actively engaged in the task, but requires extensive support to complete targeted skills through frequent teacher cues to ensure the correct response. The support provided may include several prompts, modifying math vocabulary, verbal and non-verbal prompts to clarify concept, providing and/or modeling strategies, reduction of array to ensure the correct response and breaking down multi-step tasks into single steps. The support provided reduces the cognitive complexity of the skills assessed. The student demonstrates limited understanding of the math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 5 or 6 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. The support provided may include modification of task complexity, modification of math vocabulary, reduction of the array, or verbal prompting such as additional alternate prompts. The student demonstrates a basic understanding of math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 5 or 6 performing at the PROFICIENT level on the Level B PASA Math performs the majority of the 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. The student demonstrates understanding of the math vocabulary and number sense necessary to complete the targeted skills.
Grade 5/6 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 5/6 Level B PASA Math can perform the following independently:	Grade 5/6 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 5/6 Level B PASA Math can perform the following independently:	Grade 5/6 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 5/6 Level B PASA Math can perform the following independently:
NUMBERS AND OPERATIONS • Counts aloud 1-9 items, one-dollar bills, or pennies • Reads numbers on digital clock face	**NUMBERS AND OPERATIONS** • Counts aloud 1-9 items, one-dollar bills, or pennies • Reads numbers on digital clock face • Identifies coin named • Matches numeral to quantity for amounts less than 10	**NUMBERS AND OPERATIONS** • Counts aloud 1-9 items, one-dollar bills, or pennies • Reads numbers on digital clock face • Identifies coin named • Matches numeral to quantity for amounts less than 10 • Orders sets of 1-9 items, numbers, or prices

MEASUREMENT • Reads digital time • Measures area of an item by counting up to 9 units • Identifies 1-cup measure	**MEASUREMENT** • Reads digital time • Measures area of an item by counting up to 9 units • Identifies 1-cup measure • Selects longest/shortest flexible item **GEOMETRY** • Adds objects to groups of others with same shape **DATA ANALYSIS AND PROBABILTY** • Reads data presented in tables and graphs (all numbers less than 10)	**MEASUREMENT** • Reads digital time • Measures area of an item by counting up to 9 units • Identifies 1-cup measure • Selects longest/shortest flexible item • Measure length/width of item by counting up to 9 units **GEOMETRY** • Adds objects to groups of others with same shape **DATA ANALYSIS AND PROBABILTY** • Reads data presented in tables and graphs (all numbers less than 10) • Uses data presented in tables and graphs (all numbers less than 10)

Math Performance Level Descriptors for Students with Significant Cognitive Disabilities
Grade 5/6 Level C

BELOW BASIC (Emerging)	BASIC (Novice)	PROFICIENT	ADVANCED
A student in grade 5 or 6 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, breaking down multi-step tasks into single steps, or extended processing time. 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 5 or 6 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, reduction of the array of choices or verbal prompting, breaking apart multi-step tasks, or providing the additional alternate prompt. The student demonstrates a basic understanding of math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 5 or 6 performing at the PROFICIENT level on the Level C PASA Math is actively engaged and performs the majority of the targeted skills independently. The student requires minimal 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 demonstrates understanding of the math vocabulary and number sense necessary to complete the targeted skills.	A student in grade 5 or 6 performing at the ADVANCED level on the Level C PASA Math is actively engaged 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 demonstrates understanding of math vocabulary, strategies and number sense necessary to complete the targeted skills.
Grade 5/6 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 closely related. A student performing at the BELOW BASIC (EMERGING) Level on the grade 5/6 Level C PASA Math can perform the following independently:	Grade 5/6 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 closely related. A student performing at the BASIC (NOVICE) Level on the grade 5/6 Level C PASA Math can perform the following independently:	Grade 5/6 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 closely related. A student performing at the PROFICIENT Level on the grade 5/6 Level C PASA Math can perform the following independently:	Grade 5/6 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 closely related. A student performing at the ADVANCED Level on the grade 5/6 Level C PASA Math can perform the following independently:

NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS	NUMBERS AND OPERATIONS
• Identifies coins worth 1, 5, 10, and 25 cents	• Identifies coins worth 1, 5, 10, and 25 cents • Counts aloud 1-19 items, one-dollar bills, or pennies by 1s, 2s, or 5s • Orders 4 numerals or pictures of sets of items, each set less than 20 • Adds 2 or 3 numbers or prices with sums up to 20 • Subtracts 2 numbers or prices, each number less than 20	• Identifies coins worth 1, 5, 10, and 25 cents ▪ Counts aloud 1-19 items, one-dollar bills, or pennies by 1s, 2s, or 5s • Orders 4 numerals or pictures of sets of items, each set less than 20 ▪ Adds 2 or 3 numbers or prices with sums up to 20 • Subtracts 2 numbers or prices, each number less than 20 • Selects quantity that is enough	• Identifies coins worth 1, 5, 10, and 25 cents ▪ Counts aloud 1-19 items, one-dollar bills, or pennies by 1s, 2s, or 5s • Orders 4 numerals or pictures of sets of items, each set less than 20 • Adds 2 or 3 numbers or prices with sums up to 20 • Subtracts 2 numbers or prices, each number less than 20 • Selects quantity that is enough • Selects items divided evenly into the number of pieces specified
MEASUREMENT • Matches identical analog and digital times set at the hour • Selects most appropriate sized container for transferring contents from one container to another	**MEASUREMENT** • Matches identical analog and digital times set at the hour • Reads analog clock to 15 minute intervals • Selects most appropriate sized container for transferring contents from one container to another • Identifies measuring cups filled to the 1-cup or 2-cup line	**MEASUREMENT** • Matches identical analog and digital times set at the hour • Reads analog clock to 15 minute intervals • Selects most appropriate sized container for transferring contents from one container to another • Identifies measuring cups filled to the 1-cup or 2-cup line • Measures length/width of items using a ruler with 1-inch markings	**MEASUREMENT** • Matches identical analog and digital times set at the hour • Reads analog clock to 15 minute intervals • Selects most appropriate sized container for transferring contents from one container to another • Identifies measuring cups filled to the 1-cup or 2-cup line • Measures length/width of item using a ruler with 1-inch markings
GEOMETRY • Sorts 9 items into 4 groups	**GEOMETRY** • Sorts 9 items into 4 groups	**GEOMETRY** • Sorts 9 items into 4 groups	**GEOMETRY** • Sorts 9 items into 4 groups
DATA ANALYSIS AND PROBABILTY • Selects largest/smallest value from table or graph	**DATA ANALYSIS AND PROBABILTY** • Selects largest/smallest value from table or graph	**DATA ANALYSIS AND PROBABILTY** • Selects largest/smallest value from table or graph • Reads and uses data presented in tables or graphs (numbers	**DATA ANALYSIS AND PROBABILTY** • Selects largest/smallest value from table or graph • Reads and uses data presented in tables or graphs (numbers

		less than 20)	less than 20) • Selects most/least likely outcome