



E-LAP™ & LAP-3™ Job Aid

Welcome

E-LAP™ (Early Learning Accomplishment Profile) & LAP-3™ (Learning Accomplishment Profile) Assessments
How to Calculate Ceiling Score, Basal Score, and Developmental Age




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Notes:


This job aid is intended to help you to calculate a ceiling score, basal score, and developmental age for the Early Learning Accomplishment Profile (E-LAP™) and Learning Accomplishment Profile (LAP-3™) assessments. The procedure is the same regardless of the instrument used.

Determining the Ceiling Score

Determining the Ceiling Score



The third and final minus when encountering three minuses in a span of five consecutive items.



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Notes:

The ceiling score is the point in the assessment where you determine that a child

will most likely be unable to complete any successive items. The ceiling score is the third and final minus determined by encountering three minuses in a span of five consecutive items.

Determining the Ceiling Score

Determining the Ceiling Score



Language		Begin Year	Mid Year	End Year	Comments
		+/-	+/-	+/-	
48-53 mos	36. Uses prepositions	+			
	37. Selects 4 out of 5 pictures related to a sentence read aloud	+			
	38. Tells use of objects	+			
	39. Answers 3 questions regarding physical needs	+			
	40. Repeats 12 syllable sentence	+			
	41. Give account of recent experiences in order of occurrence	+			
54-59 mos	42. "Reads" favorite books independently	+			
	43. Tells opposite	+			
	44. Tells name of printed letters in own name	+			
	45. Discriminates printed words	+			
	46. Participates in sustained conversations with peers	+			
	47. Uses compound sentences	+			
	48. Tells what common things are made of	-			
60-65 mos	49. Read 2 common words from familiar environments (e.g., signs, labels)	+			
	50. Tells definition of concrete nouns	-			
	51. Names source of 15 actions	+			
	52. Tells a story using picture book	-			
	53. Reads books with friends during play	-			

First Minus (indicated by an orange arrow pointing to item 48)

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Notes:


In this example, the child was 50 months old at the time of assessment. You will notice that, in item 36 and continuing on to item 47, the child was able to successfully complete all of the tasks as outlined by the instrument.

During the administration of the assessment, it is important to note a minus score and track that in relation to the next four items.

The ceiling score is determined when the subject scores three minuses out of a span of five consecutive items.

In this example, number 48 was scored with a minus so pay close attention to what will happen between item number 48 and item number 52. If there are two more minuses for a total of three within those five items, then the ceiling score can be determined.

Determining the Ceiling Score



Determining the Ceiling Score

Language		Beg Year	Mid Year	End Year	Comments
		+/-	+/-	+/-	
48-53 mos	36. Uses prepositions	+			
	37. Selects 4 out of 5 pictures related to a sentence read aloud	+			
	38. Tells use of objects	+			
	39. Answers 3 questions regarding physical needs	+			
	40. Repeats 12 syllable sentence	+			
54-59 mos	41. Give account of recent experiences in order of occurrence	+			
	42. "Reads" favorite books independently	+			
	43. Tells opposite	+			
	44. Tells name of printed letters in own name	+			
	45. Discriminates printed words	+			
60-65 mos	46. Participates in sustained conversations with peers	+			
	47. Uses compound sentences	+			
	48. Tells what common things are made of	-			
	49. Read 2 common words from familiar environments (e.g., signs, labels)	+			
	50. Tells definition of concrete nouns	-			
	51. Names source of 15 actions	+			
	52. Tells a story using picture book	-			
	53. Reads books with friends during play				

Ceiling Score →

Third minus in five consecutive items

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Notes:

In this example:

Item #48 is a minus.

Item #49 is a plus.

Item #50 is a minus.

Item #51 is a plus.

What happens with number 52 will determine whether you have reached the ceiling score.

In this case, item number 52 is a minus.

Because there are three minus scores within five test items, then 52 is the ceiling score.

Calculating Basal Score

Calculating Basal Score

- It is easier to calculate the basal score after you have calculated the ceiling score. + +
- The basal score is the first plus of the set of eight consecutive pluses located **prior to the ceiling score**. + +
- When, in your attempt to calculate basal score, you find yourself at item #1 with fewer than 8 pluses, item #1 automatically becomes your basal score. + +

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Notes:

The basal score is where you are assuming that a child would be able to do all of the previous items. The basal score is found by locating the first plus score out of a set of eight consecutive items a child could complete prior to the ceiling score. Therefore, it is easier to calculate the basal score after you have calculated the ceiling score.

Keep in mind that the basal score may or may not be where you actually started the assessment.

Calculating Basal Score

Calculating Basal Score

Basal Score	Language	Beg Year	Mid Year	End Year	Comments
		+/-	+/-	+/-	
	48-53 mos 36. Uses prepositions	+			
	37. Selects 4 out of 5 pictures related to a sentence read aloud	+			
	38. Tells use of objects	+			
	39. Answers 3 questions regarding physical needs	+			
	40. Repeats 12 syllable sentence	+			
	41. Give account of recent experiences in order of occurrence	+			
	54-59 mos 42. "Reads" favorite books independently	+			
	43. Tells opposite	+			
	44. Tells name of printed letters in own name	+			
	45. Discriminates printed words	+			
	46. Participates in sustained conversations with peers	+			
	47. Uses compound sentences	+			
	48. Tells what common things are made of	+			
	60-65 mos 49. Read 2 common words from familiar environments (e.g., signs, labels)	+			
	50. Tells definition of concrete nouns	-			
	51. Names source of 15 actions	+			
	52. Tells a story using picture book	-			
	53. Reads books with friends during play	-			

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Notes:

Use the example provided to learn how to calculate the basal score. Item #52 is the ceiling score.

Begin to work backward counting the pluses until you've reached your eighth consecutive plus. Any time you encounter a minus, you will need to restart your count.

In the example shown, item #51 is the first plus, but since item #50 is a minus, you will need to restart at item #49. The same thing happens again since item #48 is a minus. Then, starting at item #47, count eight consecutive pluses to arrive at 40 as the basal score.

Calculating Developmental Age



Calculating Developmental Age

Determined by a simple calculation.

1. Locate the ceiling score.
2. Count the number of minuses between the ceiling score and the basal score.
3. Subtract the number of minuses from the ceiling score.
4. Take the difference and locate where it falls on the assessment.

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Notes:

You do not have to calculate developmental age; however, it yields valuable information about where a child is developmentally. Developmental age is determined by a simple calculation. First, locate the ceiling score. Next, count the number of minuses between the ceiling score and the basal score. Once you have this information, subtract the number of minuses from the ceiling score, and take the number yielded by the difference and locate where it falls on the assessment.

Developmental age is not necessarily something you would share with families. Many programs focus on sharing what things the child is able to do, what they should be working toward, and what things families can do to help them get there.

Calculating Developmental Age

Calculating Developmental Age



Basal Score	6 months	11. Expresses protest—resists adult who tries to take toy	+			
		12. Discriminates strangers	+			
		13. First excitation anxiety begins	+			
	7 months	14. Smiles, pats, vocalizes to mirror image	+			
		15. May fear performing some familiar activities—strong mother attachment	+			
	9 months	16. Responds to name with head turn, eye contact, smile	+			
	10 months	17. Responds to a verbal request, usually in regard to nursery games	+			
	11 months	18. Appears laughed at performance	+			
		19. Begins to establish the meaning of "NO"	+			
	12 months	20. Gives a toy to adult upon request	—			
		21. Increased dependence on mother during walking stage	+			
		22. Increased resistance to bedtime	—			
	14 months	23. Wants to be near adults	+			
	16 months	24. Stranger anxiety reappears	—			
	18 months	25. Initiates grown-up activities (e.g., housework, shopwork)	—			
	17 months	26. Picks up and puts away toys on request	+			
	18 months	27. Parallel play predominant	+			
		28. Temper tantrums are common	+			
	24 months	29. Begins to claim and defend ownership of personal things	—			
		30. Initiates own play activities	—			
Ceiling Score		31. Enjoys role playing; wraps up doll and puts to bed	—			
			—			


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Notes:

In the example provided, the child is 28 months of age. Item #31 is the ceiling score, item #12 is the basal score. Between 31 and 12, there are six minuses.

Calculating Developmental Age

Calculating Developmental Age



Ceiling Score: 31	6 months	11. Expresses protest—resists adult who tries to take toy	+			
		12. Discriminates strangers	+			
		13. First excitation anxiety begins	+			
# of Minuses: - 6	7 months	14. Smiles, pats, vocalizes to mirror image	+			
		15. May fear performing some familiar activities—strong mother attachment	+			
	9 months	16. Responds to name with head turn, eye contact, smile	+			
	10 months	17. Responds to a verbal request, usually in regard to nursery games	+			
	11 months	18. Appears laughed at performance	+			
		19. Begins to establish the meaning of "NO"	+			
	12 months	20. Gives a toy to adult upon request	—			
		21. Increased dependence on mother during walking stage	+			
		22. Increased resistance to bedtime	—			
	14 months	23. Wants to be near adults	+			
	16 months	24. Stranger anxiety reappears	—			
	18 months	25. Initiates grown-up activities (e.g., housework, shopwork)	—			
	17 months	26. Picks up and puts away toys on request	+			
	18 months	27. Parallel play predominant	+			
		28. Temper tantrums are common	+			
	24 months	29. Begins to claim and defend ownership of personal things	—			
		30. Initiates own play activities	—			
		31. Enjoys role playing; wraps up doll and puts to bed	—			

25

Developmental Age

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Notes:

Subtract the number of minuses (in this example, six), from the ceiling score (31), to get 25. Item number 25 is in the 16-month age range. This child's developmental age in the social/emotional domain is 16 months.

Self-Help Domain Example

Self Help		Ongoing Assessment		
		Bag Year	Mid Year	End Year
		+/-	+/-	+/-
6 months	1. Lifts cup with handle	+		
7 months	2. Takes solids well	+		
	3. Finger-feeds dry cereal, bits of meat, vegetables	+		
8 months	4. Bites, chews toys during play	-		
9 months	5. Holds, bites, and chews cracker or cookie	-		
10 months	6. Attempts to remove obstacles in efforts to find lost toy	-		
12 months	7. Finger-feeds self for part of meal			
	8. Takes off hat, shoes			
	9. Cooperates in dressing			
14 months	10. Inhibits drooling			
	11. Chews most foods well			
15 months	12. Pulls off socks			
	13. Climbs stairs on hands and knees			
	14. Shows wet or soiled pants			
	15. Overcomes simple obstacles			
	16. Vocalizes and gestures to indicate wants			

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Notes:

This example is from the E-LAP™ in the self-help domain. This is the only domain which does not start at one month of age. You are not required to score children that are younger than six months in the self-help domain.

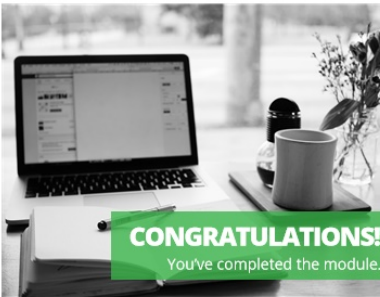
The following slides will prompt you to calculate the ceiling score, basal score and developmental age.

End

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Exit

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Notes:

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